

```

FILE 'MEDLINE'
FILE 'JAPIO'
FILE 'BIOSIS'
FILE 'SCISEARCH'
FILE 'WPIDS'
FILE 'CAPLUS'
FILE 'EMBASE'
=> s mitogen erk kinase kinase#
L1          3 MITOGEN ERK KINASE KINASE#

=> s mekk1
L2          1730 MEKK1

=> s l1 and (apoptosis or cell death)
  6 FILES SEARCHED...
L3          0 L1 AND (APOPTOSIS OR CELL DEATH)

=> s l2 and l3
L4          0 L2 AND L3

=> s l2 and apoptosis
L5          531 L2 AND APOPTOSIS

<-----User Break----->

SEARCH ENDED BY USER

=> s l5 and (kinase domain# or regulatory domain#)
L6          36 L5 AND (KINASE DOMAIN# OR REGULATORY DOMAIN#)

=> dup rem l6
PROCESSING COMPLETED FOR L6
L7          10 DUP REM L6 (26 DUPLICATES REMOVED)

=> d ibib abs l7

L7  ANSWER 1 OF 10  SCISEARCH  COPYRIGHT 2004 THOMSON ISI on STN
ACCESSION NUMBER:  2004:275335  SCISEARCH
THE GENUINE ARTICLE:  8030L
TITLE:             Computational and experimental studies on human
                   misshapen/NIK-related kinase MINK-1
AUTHOR:            Qu K B (Reprint); Lu Y M; Lin N; Singh R; Xu X; Payan D G;
                   Xu D
CORPORATE SOURCE:  Rigel Pharmaceut Inc, 1180 Vet Blvd, San Francisco, CA
                   94080 USA (Reprint); Rigel Pharmaceut Inc, San Francisco,
                   CA 94080 USA; Genentech Inc, San Francisco, CA 94080 USA;
                   Univ Missouri, Dept Comp Sci, Digital Biol Lab, Columbia,
                   MO 65211 USA
COUNTRY OF AUTHOR:  USA
SOURCE:            CURRENT MEDICINAL CHEMISTRY, (MAR 2004) Vol. 11, No. 5,
                   pp. 569-582.
                   Publisher: BENTHAM SCIENCE PUBL LTD, PO BOX 1673, 1200 BR
                   HILVERSUM, NETHERLANDS.
                   ISSN: 0929-8673.
DOCUMENT TYPE:      Article; Journal
LANGUAGE:           English
REFERENCE COUNT:    38

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ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

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AB  We have studied the structure and function of Human Misshapen/NIK-related kinase (MINK-1)
    through a combination of computational methods and experimental approaches, including (1)
    fold recognition and sequence-structure alignment for each structural domain using the
    threading program PROSPECT, (2) gene expression and protein-protein interaction analysis of
    yeast homologs of human MINK-1 domains, and (3) yeast two-hybrid screening for proteins that
    interact with human MINK-1. Our structure prediction dissects MINK-1 into four domains: a
    conserved N-terminal kinase domain, followed by a coiled-coil region and a proline-rich
    region, and a C-terminal GCK domain. Gene expression and yeast two-hybrid analysis of yeast
    homologs of the MINK-1 domains suggest that MINK-1 may be involved in cell-cycle progression
    and cytoskeletal control. Consistent with these predicted functions, our in-house yeast two-
    hybrid screen for proteins that interact with human MINK-1 provides strong evidence that the
    coiled-coil and proline-rich domains of MINK-1 participate in the regulation of cytoskeletal
    organization, cell-cycle control and apoptosis. A homology model of the MINK-1 kinase domain
    was used to screen the NCI open compound database in DOCK, and chemical compounds with

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pharmaceutically acceptable properties were identified. Further medicinal chemistry compound structure optimization and kinase assays are underway.

=> d ibib abs 17 1-10

L7 ANSWER 1 OF 10 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
ACCESSION NUMBER: 2004:275335 SCISEARCH
THE GENUINE ARTICLE: 8030L
TITLE: Computational and experimental studies on human
misshapen/NIK-related kinase MINK-1
AUTHOR: Qu K B (Reprint); Lu Y M; Lin N; Singh R; Xu X; Payan D G;
Xu D
CORPORATE SOURCE: Rigel Pharmaceut Inc, 1180 Vet Blvd, San Francisco, CA
94080 USA (Reprint); Rigel Pharmaceut Inc, San Francisco,
CA 94080 USA; Genentech Inc, San Francisco, CA 94080 USA;
Univ Missouri, Dept Comp Sci, Digital Biol Lab, Columbia,
MO 65211 USA
COUNTRY OF AUTHOR: USA
SOURCE: CURRENT MEDICINAL CHEMISTRY, (MAR 2004) Vol. 11, No. 5,
pp. 569-582.
Publisher: BENTHAM SCIENCE PUBL LTD, PO BOX 1673, 1200 BR
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ISSN: 0929-8673.
DOCUMENT TYPE: Article; Journal
LANGUAGE: English
REFERENCE COUNT: 38

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

AB We have studied the structure and function of Human Misshapen/NIK-related kinase (MINK-1) through a combination of computational methods and experimental approaches, including (1) fold recognition and sequence-structure alignment for each structural domain using the threading program PROSPECT, (2) gene expression and protein-protein interaction analysis of yeast homologs of human MINK-1 domains, and (3) yeast two-hybrid screening for proteins that interact with human MINK-1. Our structure prediction dissects MINK-1 into four domains: a conserved N-terminal kinase domain, followed by a coiled-coil region and a proline-rich region, and a C-terminal GCK domain. Gene expression and yeast two-hybrid analysis of yeast homologs of the MINK-1 domains suggest that MINK-1 may be involved in cell-cycle progression and cytoskeletal control. Consistent with these predicted functions, our in-house yeast two-hybrid screen for proteins that interact with human MINK-1 provides strong evidence that the coiled-coil and proline-rich domains of MINK-1 participate in the regulation of cytoskeletal organization, cell-cycle control and apoptosis. A homology model of the MINK-1 kinase domain was used to screen the NCI open compound database in DOCK, and chemical compounds with pharmaceutically acceptable properties were identified. Further medicinal chemistry compound structure optimization and kinase assays are underway.

L7 ANSWER 2 OF 10 MEDLINE on STN DUPLICATE 1
ACCESSION NUMBER: 2004178525 IN-PROCESS
DOCUMENT NUMBER: PubMed ID: 15072767
TITLE: Subcellular targeting regulates the function of
caspase-activated protein kinases in apoptosis.
AUTHOR: Jakobi Rolf
CORPORATE SOURCE: Department of Biochemistry, The University of Health
Sciences, 1750 Independence Avenue, Kansas City, MO 64106,
USA.. rjakobi@uhs.edu
SOURCE: Drug resistance updates : reviews and commentaries in
antimicrobial and anticancer chemotherapy, (2004 Feb) 7 (1)
11-7.
Journal code: 9815369. ISSN: 1368-7646.
PUB. COUNTRY: Scotland: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: IN-PROCESS; NONINDEXED; Priority Journals
ENTRY DATE: Entered STN: 20040410
Last Updated on STN: 20040505

AB Subcellular localization and targeting of proteins play important roles in signal transduction pathways that regulate cell survival and programmed cell death. The regulation of cell survival and cell death requires translocation of many anti- and pro-apoptotic signaling molecules from one subcellular compartment to another. In many cases translocation is triggered by caspase cleavage. Caspase cleavage removes the regulatory domains of the protein kinases MEKK1, Mst-1 and PAK-2 resulting in activation and in relocalization of the catalytic fragments. Caspase-activated MEKK1 translocates from a particulate compartment to the cytosol; caspase-activated Mst-1 and PAK-2 translocate from the cytoplasm to the nucleus. Caspase activation of these protein kinases

induces a cell death response. Relocalization of the catalytic fragments to a pro-apoptotic location appears to be required to induce cell death. It is suggested that translocation to a pro-apoptotic location results in phosphorylation of pro-apoptotic substrates. Therefore, these protein kinases could represent novel targets for cancer therapy. Compounds that stimulate cleavage of MEKK1, Mst-1 and PAK-2 or compounds that cause translocation to a pro-apoptotic location could be used to induce cell death of cancer cells.

L7 ANSWER 3 OF 10 MEDLINE on STN DUPLICATE 2
 ACCESSION NUMBER: 2003056106 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 12565821
 TITLE: The kinase domain of MEKK1
 induces apoptosis by dysregulation of MAP kinase
 pathways.
 AUTHOR: Boldt Simone; Weidle Ulrich H; Kolch Walter
 CORPORATE SOURCE: Beatson Institute for Cancer Research, Cancer Research UK,
 Garscube Estate, Switchback Road, Bearsden, Glasgow G61
 1BD, UK.. sboldt@beatson.gla.ac.uk
 SOURCE: Experimental cell research, (2003 Feb 1) 283 (1) 80-90.
 Journal code: 0373226. ISSN: 0014-4827.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200303
 ENTRY DATE: Entered STN: 20030205
 Last Updated on STN: 20030313
 Entered Medline: 20030312

AB MAP kinase pathways comprise a group of parallel protein phosphorylation cascades, which are involved in signaling triggered by a variety of stimuli. Previous findings suggested that the ERK and the JNK pathways have opposing roles in regulating proliferation and survival or apoptosis and that apoptosis can be promoted by inhibiting the ERK pathway or by activation of the JNK pathway. In order to test this hypothesis and explore whether it can be exploited as a strategy for killing human cancer cells, we used gene transfer experiments with a range of cancer cell lines. We expressed the catalytic fragment of human MEKK1 to activate JNK and the Ras-binding domain (RBD) of Raf-1 to inhibit the Ras-ERK pathway. In addition, we designed several RBD-MEKK1 fusion proteins aiming to simultaneously activate the JNK and block the ERK pathway. We found that the MEKK1 proteins as well as the RBD alone could reduce colony formation in all cell lines. The survival time of MEKK1-expressing cells depended on the cell line. In HeLa cells, survival could be prolonged by inhibition of caspases but not by coexpression of the anti-apoptotic protein Bcl-2. Due to a lower kinase activity the RBD-MEKK1 fusion proteins were less effective in apoptosis induction than the MEKK1 kinase domain alone. Using mutant forms of Ras and Raf-1 we could show that the reduced kinase activity of RBD-MEKK1 fusion proteins was caused by binding to the Ras protein. The expression of lethal doses of MEKK1 resulted in a strong activation of all three major MAP kinase families JNK, ERK, and p38. Blocking these pathways either by coexpressing a dominant negative form of MKK4 or with inhibitors of MEK or p38 failed to inhibit apoptosis. This suggests that MEKK1 induces apoptosis by causing a general deregulation of MAP kinase signaling rather than by the activation of a single pathway.
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L7 ANSWER 4 OF 10 MEDLINE on STN DUPLICATE 3
 ACCESSION NUMBER: 2002307743 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 12049732
 TITLE: The PHD domain of MEKK1 acts as an E3 ubiquitin
 ligase and mediates ubiquitination and degradation of
 ERK1/2.
 AUTHOR: Lu Zhimin; Xu Shuichan; Joazeiro Claudio; Cobb Melanie H;
 Hunter Tony
 CORPORATE SOURCE: Molecular and Cell Biology Laboratory, The Salk Institute
 for Biological Studies, 10010 North Torrey Pines Road, La
 Jolla, CA 92037, USA.
 CONTRACT NUMBER: CA14195 (NCI)
 CA82863 (NCI)
 GM 56498 (NIGMS)
 SOURCE: Molecular cell, (2002 May) 9 (5) 945-56.
 Journal code: 9802571. ISSN: 1097-2765.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200207
 ENTRY DATE: Entered STN: 20020611
 Last Updated on STN: 20030304
 Entered Medline: 20020703

AB ERK1/2 MAP kinases are important regulators in cellular signaling, whose activity is normally reversibly regulated by threonine-tyrosine phosphorylation. In contrast, we have found that stress-induced ERK1/2 activity is downregulated by ubiquitin/proteasome-mediated degradation of ERK1/2. The PHD domain of MEKK1, a RING finger-like structure, exhibited E3 ubiquitin ligase activity toward ERK2 in vitro and in vivo. Moreover, both MEKK1 kinase activity and the docking motif on ERK1/2 were involved in ERK1/2 ubiquitination. Significantly, cells expressing ERK2 with the docking motif mutation were resistant to sorbitol-induced apoptosis. Therefore, MEKK1 functions not only as an upstream activator of the ERK and JNK through its kinase domain, but also as an E3 ligase through its PHD domain, providing a negative regulatory mechanism for decreasing ERK1/2 activity.

L7 ANSWER 5 OF 10 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
ACCESSION NUMBER: 2002:76222 SCISEARCH
THE GENUINE ARTICLE: 511FE
TITLE: Direct activation of mitogen-activated protein kinase
kinase kinase MEKK1 by the Ste20p homologue GCK
and the adapter protein TRAF2
AUTHOR: Chadee D N; Yuasa T; Kyriakis J M (Reprint)
CORPORATE SOURCE: Massachusetts Gen Hosp East, Diabet Res Lab, 149 13th St,
Charlestown, MA 02129 USA (Reprint); Massachusetts Gen
Hosp, Med Serv, Diabet Res Lab, Charlestown, MA USA;
Harvard Univ, Sch Med, Dept Med, Charlestown, MA USA; Univ
Tokyo, Grad Sch Arts & Sci, Dept Life Sci, Tokyo 1130033,
Japan
COUNTRY OF AUTHOR: USA; Japan
SOURCE: MOLECULAR AND CELLULAR BIOLOGY, (FEB 2002) Vol. 22, No. 3,
pp. 737-749.
Publisher: AMER SOC MICROBIOLOGY, 1752 N ST NW,
WASHINGTON, DC 20036-2904 USA.
ISSN: 0270-7306.
DOCUMENT TYPE: Article; Journal
LANGUAGE: English
REFERENCE COUNT: 49

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

AB Mitogen-activated protein kinase (MAPK) pathways coordinate critical cellular responses to mitogens, stresses, and developmental cues. The coupling of MAPK kinase kinase (MAP3K) --> MAPK kinase (MEK) --> MAPK core pathways to cell surface receptors remains poorly understood. Recombinant forms of MAP3K MEK kinase I (MEKK1) interact in vivo and in vitro with the STE20 protein homologue germinal center kinase (GCK), and both GCK and MEKK1 associate in vivo with the adapter protein tumor necrosis factor (TNF) receptor-associated factor 2 (TRAF2). These interactions may couple TNF receptors to the SAPK/JNK family of MAPKs; however, a molecular mechanism by which these proteins might collaborate to recruit the SAPKs/JNKs has remained elusive. Here we show that endogenous GCK and MEKK1 associate in vivo. In addition, we have developed an in vitro assay system with which we demonstrate that purified, active GCK and TRAF2 activate MEKK1. The RING domain of TRAF2 is necessary for optimal in vitro activation of MEKK1, but the kinase domain of GCK is not. Autophosphorylation within the MEKK1 kinase domain activation loop is required for activation. Forced oligomerization also activates MEKK1, and GCK elicits enhanced oligomerization of coexpressed MEKK1 in vivo. These results represent the first activation of MEKK1 in vitro using purified proteins and suggest a mechanism for MEKK1 activation involving induced oligomerization and consequent auto phosphorylation mediated by upstream proteins.

L7 ANSWER 6 OF 10 MEDLINE on STN DUPLICATE 4
ACCESSION NUMBER: 2002055698 MEDLINE
DOCUMENT NUMBER: PubMed ID: 11781136
TITLE: Role of the amino-terminal domains of MEKKs in the
activation of NF kappa B and MAPK pathways and in the
regulation of cell proliferation and apoptosis.
AUTHOR: Bonvin Christelle; Guillon Audrey; van Bemmelen Miguel X;
Gerwins Par; Johnson Gary L; Widmann Christian
CORPORATE SOURCE: Institute of Cellular Biology and Morphology, Lausanne
University, Lausanne, Switzerland.
SOURCE: Cellular signalling, (2002 Feb) 14 (2) 123-31.
Journal code: 8904683. ISSN: 0898-6568.
PUB. COUNTRY: England; United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200203
ENTRY DATE: Entered STN: 20020125
Last Updated on STN: 20020320
Entered Medline: 20020319

AB Mitogen-activated protein kinase (MAPK)/extracellular signal-regulated kinase (ERK) kinase (MEK) kinases (MEKKs) are serine/threonine kinases that are upstream regulators of MAPKs. Here, the role of the amino-terminal (N-terminal) domain of MEKK1-4 on the regulation of different intracellular signaling pathways, apoptosis, and cell proliferation has been assessed by comparing the responses induced by the full-length (FL) MEKKs to those induced by the kinase domains only. For each MEKK, the pattern of activation of NF kappa B, the ERK MAPK pathway, and the c-Jun N-terminal kinase (JNK) MAPK pathway markedly differed between the kinase domain and the FL form. Similarly, cell proliferation and apoptosis were differently regulated by the FL MEKK and the corresponding kinase domain. Our data show that the N-terminal domain of the MEKKs determines the specificity and the strength of activation of various intracellular signaling pathways and cellular responses.

L7 ANSWER 7 OF 10 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN
 ACCESSION NUMBER: 2002-163179 [21] WPIDS
 CROSS REFERENCE: 1994-357747 [44]; 1998-311395 [27]; 1999-094912 [08];
 1999-633328 [54]; 2000-411281 [35]
 DOC. NO. CPI: C2002-050327
 TITLE: New isolated nucleic acid encoding mitogen extracellular
 signal-regulated kinase kinase, useful for gene therapy
 of e.g. cancer and for recombinant protein production.
 DERWENT CLASS: B04 D16
 INVENTOR(S): JOHNSON, G L
 PATENT ASSIGNEE(S): (NAJE-N) NAT JEWISH CENT IMMUNOLOGY & RESPIRATORY
 COUNTRY COUNT: 1
 PATENT INFORMATION:

PATENT NO	KIND DATE	WEEK	LA	PG
US 6333170	B1 20011225 (200221)*		125	

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
US 6333170	B1 CIP of	US 1993-49254	19930415
	CIP of	US 1994-323460	19941014
	CIP of	US 1995-440421	19950512
	CIP of	US 1995-472934	19950606
		US 1996-628829	19960405

FILING DETAILS:

PATENT NO	KIND	PATENT NO
US 6333170	B1 CIP of	US 5405941
	CIP of	US 5753446
	CIP of	US 5854043

PRIORITY APPLN. INFO: US 1996-628829 19960405; US
 1993-49254 19930415; US
 1994-323460 19941014; US
 1995-440421 19950512; US
 1995-472934 19950606

AN 2002-163179 [21] WPIDS
 CR 1994-357747 [44]; 1998-311395 [27]; 1999-094912 [08]; 1999-633328 [54];
 2000-411281 [35]

AB US 6333170 B UPAB: 20020403
 NOVELTY - Isolated nucleic acid (A) that encodes mitogen ERK (extracellular signal-regulated kinase) kinase kinase (MEKK) protein, is new.
 DETAILED DESCRIPTION - Isolated nucleic acid (A) that:
 (a) has a sequence of S1 (3260 base pairs (bp)), S3 (5539 bp), S5 (2503 bp), S7 (2503 bp), S9 (3089 bp), S11 (3913 bp) or S13 (5414 bp); or
 (b) encodes mitogen ERK (extracellular signal-regulated kinase) kinase kinase (MEKK) proteins with sequences of S2 (672 amino acids (aa)), S4 (1593 aa), S6 (619 aa), S8 (619 aa), S10 (626 aa), S12 (890 aa) or S14 (1597 aa), where all sequences are murine and are given in the specification, is new.
 INDEPENDENT CLAIMS are also included for the following:
 (1) an isolated nucleic acid (B) that encodes a MEKK catalytic domain, i.e. aa 409 - 672 of S2, aa 1329 - 1593 of S4, aa 361 - 619 S6 or S8, aa 366 - 626 of S10, aa 631 - 890 of S12 or aa 1338 - 1597 of S14); and
 (2) an isolated nucleic acid (C) that encodes a MEKK N-terminal regulatory region, i.e. aa 1 - 408 of S2, aa 1 - 1328 of S4, aa 1 - 360 of S6 or S8, aa 1 - 365 of S10, aa 1 - 630 of S12 or aa 1 - 1337 S14.

ACTIVITY - Cytostatic; immunosuppressive; antiinflammatory; antiallergic; neuroprotective; nootropic; antiparkinsonian; contraceptive.

MECHANISM OF ACTION - MEKK-dependent signaling pathways regulator; growth factor receptor signal regulator; mitogen-activated protein kinase kinase phosphorylator; ras protein binder. When Swiss 3T3 mice were microinjected with a vector that expressed a truncated, active fragment of MEKK1, 84 % of them showed a highly condensed (apoptosis -like) morphology after 17 hours. A kinase-inactive mutant of MEKK1 did not show this effect.

USE - (A), and fragments encoding catalytic or regulatory domains of MEKK, are used:

(i) to treat a very wide range of diseases e.g. cancer, autoimmune diseases, inflammation, allergy, degenerative neurological diseases (e.g. Alzheimer's or Parkinson's), also to improve grafting of transplanted tissue, as additive for cell cultures and for inhibiting spermatogenesis or oocyte maturation for contraception; and

(ii) for recombinant expression of MEKK protein, useful in the same way as (A).

Dwg.0/30

L7 ANSWER 8 OF 10 MEDLINE on STN DUPLICATE 5
ACCESSION NUMBER: 2001539235 MEDLINE
DOCUMENT NUMBER: PubMed ID: 11585901
TITLE: MEKK1 is essential for DT40 cell
apoptosis in response to microtubule disruption.
AUTHOR: Kwan R; Burnside J; Kurosaki T; Cheng G
CORPORATE SOURCE: Molecular Biology Institute, University of California Los
Angeles, Los Angeles, California 90095-1781, USA.
CONTRACT NUMBER: CA09056 (NCI)
GM57559 (NIGMS)
SOURCE: Molecular and cellular biology, (2001 Nov) 21 (21) 7183-90.
Journal code: 8109087. ISSN: 0270-7306.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200112
ENTRY DATE: Entered STN: 20011008
Last Updated on STN: 20020420
Entered Medline: 20011204

AB Vinblastine and other microtubule-damaging agents, such as nocodazole and paclitaxel, cause cell cycle arrest at the G2/M transition and promote apoptosis in eukaryotic cells. The roles of these drugs in disrupting microtubule dynamics and causing cell cycle arrest are well characterized. However, the mechanisms by which these agents promote apoptosis are poorly understood. We disrupted the MEKK1 kinase domain in chicken bursal B-cell line DT40 by homologous recombination and have shown that it is essential for both vinblastine-mediated apoptosis and vinblastine-mediated c-Jun N-terminal protein kinase activation. In addition, our data indicate that vinblastine-mediated apoptosis in DT40 cells requires new protein synthesis but does not require G2/M arrest, suggesting that vinblastine-mediated cell cycle arrest and apoptosis are two independent processes.

L7 ANSWER 9 OF 10 MEDLINE on STN DUPLICATE 6
ACCESSION NUMBER: 1999214163 MEDLINE
DOCUMENT NUMBER: PubMed ID: 10196170
TITLE: Differential involvement of MEK kinase 1 (MEKK1)
in the induction of apoptosis in response to
microtubule-targeted drugs versus DNA damaging agents.
AUTHOR: Gibson S; Widmann C; Johnson G L
CORPORATE SOURCE: Program in Molecular Signal Transduction, Division of Basic
Sciences, National Jewish Medical and Research Center,
Denver, Colorado, 80206, USA.
CONTRACT NUMBER: DK 37871 (NIDDK)
DK 48845 (NIDDK)
GM 30324 (NIGMS)
+
SOURCE: Journal of biological chemistry, (1999 Apr 16) 274 (16)
10916-22.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199905
ENTRY DATE: Entered STN: 19990601
Last Updated on STN: 20020420
Entered Medline: 19990517

AB MEK kinase 1 (MEKK1) is a 196-kDa enzyme that is involved in the regulation of the c-Jun N-terminal kinase (JNK) pathway and apoptosis. In cells exposed to genotoxic agents including

etoposide and cytosine arabinoside, MEKK1 is cleaved at Asp874 by caspases. The cleaved kinase domain of MEKK1, itself, stimulates caspase activity leading to apoptosis. Kinase-inactive MEKK1 expressed in HEK293 cells effectively blocks genotoxin-induced apoptosis. Treatment of cells with taxol, a microtubule stabilizing agent, did not induce MEKK1 cleavage in cells, and kinase-inactive MEKK1 expression failed to block taxol-induced apoptosis. MEKK1 became activated in HEK293 cells exposed to taxol, but in contrast to etoposide-treatment, taxol failed to increase JNK activity. Taxol treatment of cells, therefore, dissociates MEKK1 activation from the regulation of the JNK pathway. Overexpression of anti-apoptotic Bcl2 blocked MEKK1 and taxol-induced apoptosis but did not block the caspase-dependent cleavage of MEKK1 in response to etoposide. This indicates Bcl2 inhibition of apoptosis is, therefore, downstream of caspase-dependent MEKK1 cleavage. The results define the involvement of MEKK1 in the induction of apoptosis by genotoxins but not microtubule altering drugs.

L7 ANSWER 10 OF 10 MEDLINE on STN DUPLICATE 7
 ACCESSION NUMBER: 1998055618 MEDLINE Full-text
 DOCUMENT NUMBER: PubMed ID: 9395240
 TITLE: Potentiation of apoptosis by low dose stress
 stimuli in cells expressing activated MEK kinase 1.
 AUTHOR: Widmann C; Johnson N L; Gardner A M; Smith R J; Johnson G L
 CORPORATE SOURCE: Division of Basic Sciences, National Jewish Center for
 Immunology and Respiratory Medicine, Denver, Colorado
 80206, USA.
 CONTRACT NUMBER: CA 58157 (NCI)
 DK 37871 (NIDDK)
 DK 48845 (NIDDK)
 +
 SOURCE: Oncogene, (1997 Nov 13) 15 (20) 2439-47.
 Journal code: 8711562. ISSN: 0950-9232.
 PUB. COUNTRY: ENGLAND: United Kingdom
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 199712
 ENTRY DATE: Entered STN: 19980116
 Last Updated on STN: 20020420
 Entered Medline: 19971229

AB MEK kinases (MEKKs) are serine-threonine kinases that regulate sequential protein phosphorylation pathways involving mitogen-activated protein kinases (MAPKs), including members of the Jun kinase (JNK) family. MEKK1 is a 196 kDa protein that when cleaved by caspase-3-like proteases generates an active COOH-terminal kinase domain. Expression of the MEKK1 kinase domain is sufficient to induce apoptosis. Mutation of MEKK1 to prevent its proteolytic cleavage protects cells from MEKK1-mediated cell death even though the JNK pathway is still activated, indicating that JNK activation is not sufficient to induce cell death. The inducible acute expression at modest levels of the activated MEKK1 kinase domain can be used to potentiate the apoptotic response to low dose ultraviolet irradiation and cisplatin. Similarly, in L929 fibrosarcoma cells inducible acute expression of the kinase domain of MEKK1 markedly increased the cell death response to tumor necrosis factor alpha (TNF alpha). The findings demonstrate that acute expression of an active form of MEKK1 can potentiate the cell death response to external stress stimuli. Manipulation of MEKK1 proteolysis and its regulation of signal pathways involved in apoptosis has significant potential for anticancer therapies when used in combination with therapeutic agents at doses that alone have little or modest effects on cell viability.

=> d his

(FILE 'HOME' ENTERED AT 16:57:43 ON 14 MAY 2004)

FILE 'MEDLINE, JAPIO, BIOSIS, SCISEARCH, WPIDS, CAPLUS, EMBASE' ENTERED
 AT 16:57:54 ON 14 MAY 2004

L1 3 S MITOGEN ERK KINASE KINASE#
 L2 1730 S MEKK1
 L3 0 S L1 AND (APOPTOSIS OR CELL DEATH)
 L4 0 S L2 AND L3
 L5 531 S L2 AND APOPTOSIS
 L6 36 S L5 AND (KINASE DOMAIN# OR REGULATORY DOMAIN#)
 L7 10 DUP REM L6 (26 DUPLICATES REMOVED)

=> dup rem l5

PROCESSING COMPLETED FOR L5

L8 175 DUP REM L5 (356 DUPLICATES REMOVED)

=> d ibib l8 1-175

L8 ANSWER 1 OF 175 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN DUPLICATE 1
 ACCESSION NUMBER: 2004-157120 [15] WPIDS Full-text
 DOC. NO. CPI: C2004-062555
 TITLE: Novel caspase recruitment domain 11 nucleic acid and the recombinant polypeptide, useful for identifying modulator of NFkappaB activating activity, and polypeptide that up-regulate activity of NFkappaB activity.
 DERWENT CLASS: B04 D16
 INVENTOR(S): GLYNNE, R J; GOODNOW, C C; JUN, J E
 PATENT ASSIGNEE(S): (PHEN-N) PHENOMIX CORP; (PHEN-N) PHENOMIX INC
 COUNTRY COUNT: 105
 PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
WO 2004013302	A2	20040212	(200415)*	EN	152
RW: AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW					
US 2004072228	A1	20040415	(200426)		

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
WO 2004013302	A2	WO 2003-US24331	20030801
US 2004072228	A1 Provisional	US 2002-401078P	20020802
	Provisional	US 2002-422614P	20021029
		US 2003-632696	20030801

PRIORITY APPLN. INFO: US 2002-422614P 20021029; US
 2002-401078P 20020802; US
 2003-632696 20030801

L8 ANSWER 2 OF 175 CAPLUS COPYRIGHT 2004 ACS on STN
 ACCESSION NUMBER: 2004:203538 CAPLUS Full-text
 DOCUMENT NUMBER: 140:247104
 TITLE: Method for treating neoplastic cells or an autoimmune disease using cycloprodigiosin or a salt thereof
 INVENTOR(S): Kamata, Keiko; Hirata, Hajime; Ikegami, Yoshinari; Nakagawa, Kouji
 PATENT ASSIGNEE(S): Japan
 SOURCE: U.S. Pat. Appl. Publ., 19 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004048791	A1	20040311	US 2002-237588	20020905
PRIORITY APPLN. INFO.:			US 2002-237588	20020905

L8 ANSWER 3 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN DUPLICATE 2
 ACCESSION NUMBER: 2004:142511 SCISEARCH Full-text
 THE GENUINE ARTICLE: 768UW
 TITLE: c-Jun-NH2 kinase (JNK) contributes to the regulation of c-Myc protein stability
 AUTHOR: Alarcon-Vargas D; Ronai Z (Reprint)
 CORPORATE SOURCE: CUNY Mt Sinai Sch Med, Ruttenberg Canc Ctr, New York, NY 10029 USA (Reprint)
 COUNTRY OF AUTHOR: USA
 SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (6 FEB 2004) Vol. 279, No. 6, pp. 5008-5016.
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814-3996 USA.
 ISSN: 0021-9258.
 DOCUMENT TYPE: Article; Journal

LANGUAGE: English
REFERENCE COUNT: 44
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 4 OF 175 MEDLINE on STN DUPLICATE 3
ACCESSION NUMBER: 2004047354 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 14600157
TITLE: Fas-associated factor-1 inhibits nuclear factor-kappaB (NF-kappaB) activity by interfering with nuclear translocation of the RelA (p65) subunit of NF-kappaB.
AUTHOR: Park Min-Young; Jang Hyun Duk; Lee Soo Young; Lee Kong-Joo; Kim Eunhee
CORPORATE SOURCE: Research Center for Biomedicinal Resources and the Division of Life Science, PaiChai University, Daejeon 302-735, Korea.
SOURCE: Journal of biological chemistry, (2004 Jan 23) 279 (4) 2544-9.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200404
ENTRY DATE: Entered STN: 20040130
Last Updated on STN: 20040424
Entered Medline: 20040423

L8 ANSWER 5 OF 175 MEDLINE on STN DUPLICATE 4
ACCESSION NUMBER: 2004034910 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 14734742
TITLE: Regulation of c-Jun N-terminal kinase by MEKK-2 and mitogen-activated protein kinase kinase kinases in rheumatoid arthritis.
AUTHOR: Hammaker Deepa R; Boyle David L; Chabaud-Riou Martine; Firestein Gary S
CORPORATE SOURCE: Division of Rheumatology, Allergy and Immunology, University of California, San Diego School of Medicine, La Jolla, CA 92093, USA.
CONTRACT NUMBER: AR47825 (NIAMS)
T32 AR7608 (NIAMS)
SOURCE: Journal of immunology (Baltimore, Md. : 1950), (2004 Feb 1) 172 (3) 1612-8.
Journal code: 2985117R. ISSN: 0022-1767.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals
ENTRY MONTH: 200405
ENTRY DATE: Entered STN: 20040122
Last Updated on STN: 20040510
Entered Medline: 20040507

L8 ANSWER 6 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
ACCESSION NUMBER: 2004:275335 SCISEARCH Full-text
THE GENUINE ARTICLE: 803OL
TITLE: Computational and experimental studies on human misshapen/NIK-related kinase MINK-1
AUTHOR: Qu K B (Reprint); Lu Y M; Lin N; Singh R; Xu X; Payan D G; Xu D
CORPORATE SOURCE: Rigel Pharmaceut Inc, 1180 Vet Blvd, San Francisco, CA 94080 USA (Reprint); Rigel Pharmaceut Inc, San Francisco, CA 94080 USA; Genentech Inc, San Francisco, CA 94080 USA; Univ Missouri, Dept Comp Sci, Digital Biol Lab, Columbia, MO 65211 USA
COUNTRY OF AUTHOR: USA
SOURCE: CURRENT MEDICINAL CHEMISTRY, (MAR 2004) Vol. 11, No. 5, pp. 569-582.
Publisher: BENTHAM SCIENCE PUBL LTD, PO BOX 1673, 1200 BR HILVERSUM, NETHERLANDS.
ISSN: 0929-8673.
DOCUMENT TYPE: Article; Journal
LANGUAGE: English
REFERENCE COUNT: 38
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 7 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 ACCESSION NUMBER: 2004:238613 SCISEARCH Full-text
 THE GENUINE ARTICLE: 780LQ
 TITLE: Glucocorticoids selectively inhibit paclitaxel-induced
 apoptosis: Mechanisms and its clinical impact
 AUTHOR: Fan W M (Reprint); Sui M H; Huang Y
 CORPORATE SOURCE: Med Univ S Carolina, Dept Pathol & Lab, 165 Ashley Ave,
 Charleston, SC 29425 USA (Reprint); Med Univ S Carolina,
 Dept Pathol & Lab, Charleston, SC 29425 USA
 COUNTRY OF AUTHOR: USA
 SOURCE: CURRENT MEDICINAL CHEMISTRY, (FEB 2004) Vol. 11, No. 4,
 pp. 403-411.
 Publisher: BENTHAM SCIENCE PUBL LTD, PO BOX 1673, 1200 BR
 HILVERSUM, NETHERLANDS.
 ISSN: 0929-8673.
 DOCUMENT TYPE: General Review; Journal
 LANGUAGE: English
 REFERENCE COUNT: 59
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 8 OF 175 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 ACCESSION NUMBER: 2004:155860 BIOSIS Full-text
 DOCUMENT NUMBER: PREV200400157032
 TITLE: JNK suppresses apoptosis via phosphorylation of
 the proapoptotic Bcl-2 family protein BAD.
 AUTHOR(S): Yu, Chenfei; Minemoto, Yuzuru; Zhang, Jiyan; Liu, Jing;
 Tang, Fangming; Bui, Truc N.; Xiang, Jialing [Reprint
 Author]; Lin, Anning
 CORPORATE SOURCE: Department of Biological, Chemical, and Physical Science,
 Illinois Institute of Technology, Chicago, IL, 60616, USA
 xiang@iit.edu; alin@huggins.bsd.uchicago.edu
 SOURCE: Molecular Cell, (February 13 2004) Vol. 13, No. 3, pp.
 329-340. print.
 ISSN: 1097-2765 (ISSN print).
 DOCUMENT TYPE: Article
 LANGUAGE: English
 ENTRY DATE: Entered STN: 17 Mar 2004
 Last Updated on STN: 17 Mar 2004

L8 ANSWER 9 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 ACCESSION NUMBER: 2004:304856 SCISEARCH Full-text
 THE GENUINE ARTICLE: 807XT
 TITLE: Differential binding of ceramide to MEKK1 in
 glomerular endothelial and mesangial cells
 AUTHOR: Huwiler A; Xin C Y; Brust A K; Briner V A; Pfeilschifter J
 (Reprint)
 CORPORATE SOURCE: Univ Frankfurt Klinikum, Pharmazentrum Frankfurt, Theodor
 Stern Kai 7, D-60590 Frankfurt, Germany (Reprint); Univ
 Frankfurt Klinikum, Pharmazentrum Frankfurt, D-60590
 Frankfurt, Germany; Kantonsspital Luzern, Luzern,
 Switzerland
 COUNTRY OF AUTHOR: Germany; Switzerland
 SOURCE: BIOCHIMICA ET BIOPHYSICA ACTA-MOLECULAR AND CELL BIOLOGY
 OF LIPIDS, (22 MAR 2004) Vol. 1636, No. 2-3, pp. 159-168.
 Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE
 AMSTERDAM, NETHERLANDS.
 ISSN: 1388-1981.
 DOCUMENT TYPE: Article; Journal
 LANGUAGE: English
 REFERENCE COUNT: 56
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 10 OF 175 CAPLUS COPYRIGHT 2004 ACS on STN
 ACCESSION NUMBER: 2004:288702 CAPLUS Full-text
 DOCUMENT NUMBER: 140:268067
 TITLE: Differential binding of ceramide to MEKK1 in
 glomerular endothelial and mesangial cells
 AUTHOR(S): Huwiler, Andrea; Xin, Cuiyan; Brust, Anja-Kristina;
 Briner, Verena A.; Pfeilschifter, Josef
 CORPORATE SOURCE: Pharmazentrum Frankfurt, Klinikum der Johann Wolfgang
 Goethe-Universitaet, Frankfurt am Main, D-60590,
 Germany
 SOURCE: Biochimica et Biophysica Acta (2004), 1636(2-3),
 159-168
 CODEN: BBACAQ; ISSN: 0006-3002

PUBLISHER: Elsevier Science B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 56 THERE ARE 56 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 11 OF 175 MEDLINE on STN DUPLICATE 5
ACCESSION NUMBER: 2004178525 IN-PROCESS Full-text
DOCUMENT NUMBER: PubMed ID: 15072767
TITLE: Subcellular targeting regulates the function of
caspase-activated protein kinases in apoptosis.
AUTHOR: Jakobi Rolf
CORPORATE SOURCE: Department of Biochemistry, The University of Health
Sciences, 1750 Independence Avenue, Kansas City, MO 64106,
USA.. rjakobi@uhs.edu
SOURCE: Drug resistance updates : reviews and commentaries in
antimicrobial and anticancer chemotherapy, (2004 Feb) 7 (1)
11-7.
Journal code: 9815369. ISSN: 1368-7646.
PUB. COUNTRY: Scotland: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: IN-PROCESS; NONINDEXED; Priority Journals
ENTRY DATE: Entered STN: 20040410
Last Updated on STN: 20040505

L8 ANSWER 12 OF 175 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2003:356185 CAPLUS Full-text
DOCUMENT NUMBER: 138:362677
TITLE: TGF- β -associated-kinase 1 (16319) as modulator of
hematological disorders and uses in screening drugs
for hematological disorders
INVENTOR(S): Carroll, Joseph M.
PATENT ASSIGNEE(S): Millennium Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 80 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 8
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003037255	A2	20030508	WO 2002-US34568	20021028
WO 2003037255	A3	20040122		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: US 2001-335044P P 20011031

L8 ANSWER 13 OF 175 MEDLINE on STN DUPLICATE 6
ACCESSION NUMBER: 2003563302 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 12963725
TITLE: p57KIP2 modulates stress-activated signaling by inhibiting
c-Jun NH2-terminal kinase/stress-activated protein Kinase.
AUTHOR: Chang Tong-Shin; Kim Myung Jin; Ryoo Kanghyun; Park Jihyun;
Eom Soo-Jung; Shim Jaekyung; Nakayama Keiichi I; Nakayama
Keiko; Tomita Motowo; Takahashi Katsuhiko; Lee Min-Jae;
Choi Eui-Ju
CORPORATE SOURCE: National Creative Research Initiative Center for Cell
Death, School of Life Sciences and Biotechnology, Korea
University, Seoul 136-701, Korea.
SOURCE: Journal of biological chemistry, (2003 Nov 28) 278 (48)
48092-8.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200401
ENTRY DATE: Entered STN: 20031216
Last Updated on STN: 20040113
Entered Medline: 20040112

L8 ANSWER 14 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
ACCESSION NUMBER: 2003:476183 SCISEARCH Full-text
THE GENUINE ARTICLE: 682EH
TITLE: Shear flow attenuates serum-induced STAT3 activation in endothelial cells
AUTHOR: Ni C W; Hsieh H J; Chao Y J; Wang D L (Reprint)
CORPORATE SOURCE: Acad Sinica, Inst Biomed Sci, Div Cardiovasc, Taipei 11529, Taiwan (Reprint)
COUNTRY OF AUTHOR: Taiwan
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (30 MAY 2003) Vol. 278, No. 22, pp. 19702-19708.
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814-3996 USA.
ISSN: 0021-9258.
DOCUMENT TYPE: Article; Journal
LANGUAGE: English
REFERENCE COUNT: 49
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 15 OF 175 MEDLINE on STN DUPLICATE 7
ACCESSION NUMBER: 2003173816 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 12584189
TITLE: Glycogen synthase kinase 3 beta is a natural activator of mitogen-activated protein kinase/extracellular signal-regulated kinase kinase 1 (MEKK1).
AUTHOR: Kim Jin Woo; Lee Ji Eun; Kim Myung Jin; Cho Eun-Gyung; Cho Ssang-Goo; Choi Eui-Ju
CORPORATE SOURCE: National Creative Research Initiative Center for Cell Death, Graduate School of Life Science and Biotechnology, Korea University, Seoul 136-701, Korea.
SOURCE: Journal of biological chemistry, (2003 Apr 18) 278 (16) 13995-4001.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200305
ENTRY DATE: Entered STN: 20030416
Last Updated on STN: 20030523
Entered Medline: 20030522

L8 ANSWER 16 OF 175 MEDLINE on STN DUPLICATE 8
ACCESSION NUMBER: 2003534168 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 14612408
TITLE: Mitogenic effect of orphan receptor TR3 and its regulation by MEKK1 in lung cancer cells.
AUTHOR: Kolluri Siva Kumar; Bruey-Sedano Nathalie; Cao Xihua; Lin Bingzhen; Lin Feng; Han Young-Hoon; Dawson Marcia I; Zhang Xiao-kun
CORPORATE SOURCE: Cancer Center, The Burnham Institute, La Jolla, California 92037, USA.
CONTRACT NUMBER: CA60988 (NCI)
CA87000 (NCI)
P01 CA51993 (NCI)
SOURCE: Molecular and cellular biology, (2003 Dec) 23 (23) 8651-67.
Journal code: 8109087. ISSN: 0270-7306.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200312
ENTRY DATE: Entered STN: 20031113
Last Updated on STN: 20031217
Entered Medline: 20031216

L8 ANSWER 17 OF 175 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2003:912128 CAPLUS Full-text

DOCUMENT NUMBER: 140:53686
 TITLE: Acetylation of androgen receptor enhances coactivator binding and promotes prostate cancer cell growth
 AUTHOR(S): Fu, Maofu; Rao, Mahadev; Wang, Chenguang; Sakamaki, Toshiyuki; Wang, Jian; Di Vizio, Dolores; Zhang, Xueping; Albanese, Chris; Balk, Steven; Chang, Chawnshang; Fan, Saijun; Rosen, Eliot; Palvimo, Jorma J.; Jaenne, Olli A.; Muratoglu, Selen; Avantiaggiati, Maria Laura; Pestell, Richard G.
 CORPORATE SOURCE: Department of Oncology, Lombardi Cancer Center, Georgetown University, Washington, DC, 20057, USA
 SOURCE: Molecular and Cellular Biology (2003), 23(23), 8563-8575
 CODEN: MCEBD4; ISSN: 0270-7306
 PUBLISHER: American Society for Microbiology
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 18 OF 175 MEDLINE on STN DUPLICATE 9
 ACCESSION NUMBER: 2003510041 MEDLINE Full-text
 DOCUMENT NUMBER: PubMed ID: 14586403
 TITLE: MEK kinase 1 mediates the antiapoptotic effect of the Bcr-Abl oncogene through NF-kappaB activation.
 AUTHOR: Nawata Ryouhei; Yujiri Toshiaki; Nakamura Yukinori; Ariyoshi Koichi; Takahashi Toru; Sato Yutaka; Oka Yoshitomo; Tanizawa Yukio
 CORPORATE SOURCE: Department of Bio-Signal Analysis, Yamaguchi University Graduate School of Medicine, 1-1-1 Minami Kogushi, Ube, Yamaguchi 755-8505, Japan.
 SOURCE: Oncogene, (2003 Oct 30) 22 (49) 7774-80.
 Journal code: 8711562. ISSN: 0950-9232.
 PUB. COUNTRY: England: United Kingdom
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 OTHER SOURCE: GENBANK-U88908; GENBANK-U88909
 ENTRY MONTH: 200312
 ENTRY DATE: Entered STN: 20031031
 Last Updated on STN: 20031219
 Entered Medline: 20031203

L8 ANSWER 19 OF 175 CAPLUS COPYRIGHT 2004 ACS on STN
 ACCESSION NUMBER: 2003:917630 CAPLUS Full-text
 DOCUMENT NUMBER: 140:57829
 TITLE: Inhibitor of Nuclear Factor KB Kinase Deficiency Enhances Oxidative Stress and Prolongs c-Jun NH2-Terminal Kinase Activation Induced by Arsenic
 AUTHOR(S): Chen, Fei; Castranova, Vince; Li, Zhiwei; Karin, Michael; Shi, Xianglin
 CORPORATE SOURCE: Health Effects Laboratory Division, National Institute for Occupational Safety and Health, Morgantown, WV, USA
 SOURCE: Cancer Research (2003), 63(22), 7689-7693
 CODEN: CNREA8; ISSN: 0008-5472
 PUBLISHER: American Association for Cancer Research
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 20 OF 175 MEDLINE on STN DUPLICATE 10
 ACCESSION NUMBER: 2003304630 MEDLINE Full-text
 DOCUMENT NUMBER: PubMed ID: 12832543
 TITLE: Expression of the activating transcription factor 3 prevents c-Jun N-terminal kinase-induced neuronal death by promoting heat shock protein 27 expression and Akt activation.
 AUTHOR: Nakagomi Saya; Suzuki Yasuhiro; Namikawa Kazuhiko; Kiryu-Seo Sumiko; Kiyama Hiroshi
 CORPORATE SOURCE: Department of Anatomy and Neurobiology, Osaka City University, Graduate School of Medicine, Osaka 545-8585, Japan.
 SOURCE: Journal of neuroscience : official journal of the Society

for Neuroscience, (2003 Jun 15) 23 (12) 5187-96.
 Journal code: 8102140. ISSN: 1529-2401.

PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200308
 ENTRY DATE: Entered STN: 20030701
 Last Updated on STN: 20030806
 Entered Medline: 20030805

L8 ANSWER 21 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 ACCESSION NUMBER: 2003:586173 SCISEARCH Full-text
 THE GENUINE ARTICLE: 696MY
 TITLE: Expression of the activating transcription factor 3
 prevents c-Jun N-terminal kinase-induced neuronal death by
 promoting heat shock protein 27 expression and Akt
 activation
 AUTHOR: Nakagomi S; Suzuki Y; Namikawa K; Kiryu-Seo S; Kiyama H
 (Reprint)
 CORPORATE SOURCE: Osaka City Univ, Dept Anat, Grad Sch Med, Abeno Ku, 1-4-3
 Asahimachi, Osaka 5458585, Japan (Reprint); Osaka City
 Univ, Dept Anat, Grad Sch Med, Abeno Ku, Osaka 5458585,
 Japan; Asahikawa Med Coll, Dept Med 1, Asahikawa, Hokkaido
 0788510, Japan
 COUNTRY OF AUTHOR: Japan
 SOURCE: JOURNAL OF NEUROSCIENCE, (15 JUN 2003) Vol. 23, No. 12,
 pp. 5187-5196.
 Publisher: SOC NEUROSCIENCE, 11 DUPONT CIRCLE, NW, STE
 500, WASHINGTON, DC 20036 USA.
 ISSN: 0270-6474.
 DOCUMENT TYPE: Article; Journal
 LANGUAGE: English
 REFERENCE COUNT: 46
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 22 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN DUPLICATE
 11
 ACCESSION NUMBER: 2003:640158 SCISEARCH Full-text
 THE GENUINE ARTICLE: 701FF
 TITLE: Selective activation of the c-Jun N-terminal kinase (JNK)
 pathway fails to elicit Bax activation or
 apoptosis unless the phosphoinositide 3 '-kinase
 (PI3K) pathway is inhibited
 AUTHOR: Molton S A; Todd D E; Cook S J (Reprint)
 CORPORATE SOURCE: Babraham Inst, Signalling Programme, Inositide Lab,
 Cambridge CB2 4AT, England (Reprint)
 COUNTRY OF AUTHOR: England
 SOURCE: ONCOGENE, (24 JUL 2003) Vol. 22, No. 30, pp. 4690-4701.
 Publisher: NATURE PUBLISHING GROUP, MACMILLAN BUILDING, 4
 CRINAN ST, LONDON N1 9XW, ENGLAND.
 ISSN: 0950-9232.
 DOCUMENT TYPE: Article; Journal
 LANGUAGE: English
 REFERENCE COUNT: 62
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 23 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 ACCESSION NUMBER: 2003:775597 SCISEARCH Full-text
 THE GENUINE ARTICLE: 718LP
 TITLE: JNK-interacting protein 3 associates with Toll-like
 receptor 4 and is involved in LPS-mediated JNK activation
 AUTHOR: Matsuguchi T (Reprint); Masuda A; Sugimoto K; Nagai Y;
 Yoshikai Y
 CORPORATE SOURCE: Nagoya Univ, Grad Sch Med, Ctr Neural Dis & Canc, Div Host
 Def, Nagoya, Aichi, Japan (Reprint); Toyama Inst Hlth,
 Toyama, Japan; Kyushu Univ, Med Inst Bioregulat, Res Ctr
 Prevent Infect Dis, Div Hosp Def, Fukuoka 812, Japan
 COUNTRY OF AUTHOR: Japan
 SOURCE: EMBO JOURNAL, (1 SEP 2003) Vol. 22, No. 17, pp. 4455-4464.
 Publisher: OXFORD UNIV PRESS, GREAT CLARENDON ST, OXFORD
 OX2 6DP, ENGLAND.
 ISSN: 0261-4189.
 DOCUMENT TYPE: Article; Journal
 LANGUAGE: English

REFERENCE COUNT: 53

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 24 OF 175 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 12

ACCESSION NUMBER: 2004:105575 BIOSIS Full-text

DOCUMENT NUMBER: PREV200400107814

TITLE: Interactions between p38 mitogen-activated protein kinase and caspase-3 in cerebral endothelial cell death after hypoxia-reoxygenation.

AUTHOR(S): Lee, Sun-Ryung; Lo, Eng H. [Reprint Author]

CORPORATE SOURCE: Neuroprotection Research Laboratory, Departments of Neurology and Radiology, Harvard Medical School, MGH East 149-2401, Charlestown, MA, 02129, USA
Lo@helix.mgh.harvard.edu

SOURCE: Stroke, (November 2003) Vol. 34, No. 11, pp. 2704-2709.
print.

ISSN: 0039-2499 (ISSN print).

DOCUMENT TYPE: Article

LANGUAGE: English

ENTRY DATE: Entered STN: 25 Feb 2004

Last Updated on STN: 25 Feb 2004

L8 ANSWER 25 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 2003:96724 SCISEARCH Full-text

THE GENUINE ARTICLE: 636NK

TITLE: Ubiquitylation of MEKK1 inhibits its phosphorylation of MKK1 and MKK4 and activation of the ERK1/2 and JNK pathways

AUTHOR: Witowsky J A; Johnson G L (Reprint)

CORPORATE SOURCE: Univ Colorado, Hlth Sci Ctr, Dept Pharmacol, 4200 E 9th Ave, Rm 2809, SOM, Denver, CO 80262 USA (Reprint); Univ Colorado, Hlth Sci Ctr, Dept Pharmacol, Denver, CO 80262 USA; Univ Colorado, Ctr Canc, Denver, CO 80262 USA

COUNTRY OF AUTHOR: USA

SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (17 JAN 2003) Vol. 278, No. 3, pp. 1403-1406.

Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814-3996 USA.

ISSN: 0021-9258.

DOCUMENT TYPE: Article; Journal

LANGUAGE: English

REFERENCE COUNT: 23

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 26 OF 175 MEDLINE on STN DUPLICATE 13

ACCESSION NUMBER: 2003240905 MEDLINE Full-text

DOCUMENT NUMBER: PubMed ID: 12764057

TITLE: TNF-induced death of adult human oligodendrocytes is mediated by c-jun NH2-terminal kinase-3.

AUTHOR: Jurewicz Anna; Matysiak Mariola; Tybor Krzysztof; Selmaj Krzysztof

CORPORATE SOURCE: Department of Neurology, Medical University of Lodz, Lodz, Poland.

SOURCE: Brain; a journal of neurology, (2003 Jun) 126 (Pt 6) 1358-70.

Journal code: 0372537. ISSN: 0006-8950.

PUB. COUNTRY: England; United Kingdom

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals

ENTRY MONTH: 200307

ENTRY DATE: Entered STN: 20030524

Last Updated on STN: 20030702

Entered Medline: 20030701

L8 ANSWER 27 OF 175 MEDLINE on STN DUPLICATE 14

ACCESSION NUMBER: 2003422898 IN-PROCESS Full-text

DOCUMENT NUMBER: PubMed ID: 12963995

TITLE: Survival regulation in pancreatic cancer cells by c-Jun.

AUTHOR: Okutomi Yoshiyuki; Shino Yuji; Komoda Fumitake; Hirano Tatsuya; Ishihara Takeshi; Yamaguchi Taketo; Saisho Hiromitsu; Shirasawa Hiroshi

CORPORATE SOURCE: Department of Medicine and Clinical Oncology (K1), Graduate School of Medicine, Chiba University, Chiba 260-8670,

SOURCE: Japan.
 International journal of oncology, (2003 Oct) 23 (4)
 1127-34.
 Journal code: 9306042. ISSN: 1019-6439.
 PUB. COUNTRY: Greece
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: IN-PROCESS; NONINDEXED; Priority Journals
 ENTRY DATE: Entered STN: 20030910
 Last Updated on STN: 20031218

L8 ANSWER 28 OF 175 MEDLINE on STN DUPLICATE 15
 ACCESSION NUMBER: 2003446483 MEDLINE Full-text
 DOCUMENT NUMBER: PubMed ID: 12736137
 TITLE: G alpha 13-mediated transformation and apoptosis
 are permissively dependent on basal ERK activity.
 AUTHOR: Adarichev Vyacheslav A; Vaiskunaite Rita; Niu Jiabin;
 Balyasnikova Irina V; Voyno-Yasenetskaya Tatyana A
 CORPORATE SOURCE: Department of Pharmacology, University of Illinois,
 Chicago, IL 60612, USA.
 CONTRACT NUMBER: GM-56159 (NIGMS)
 SOURCE: American journal of physiology. Cell physiology, (2003 Oct)
 285 (4) C922-34.
 Journal code: 100901225. ISSN: 0363-6143.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200310
 ENTRY DATE: Entered STN: 20030926
 Last Updated on STN: 20031024
 Entered Medline: 20031023

L8 ANSWER 29 OF 175 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 ACCESSION NUMBER: 2004:155045 BIOSIS Full-text
 DOCUMENT NUMBER: PREV200400148512
 TITLE: MEK kinase 1 mediates the antiapoptotic effect of the
 Bcr-Abl oncogene through NF-kappaB activation.
 AUTHOR(S): Nawata, Ryouhei [Reprint Author]; Yujiri, Toshiaki [Reprint
 Author]; Nakamura, Yukinori [Reprint Author]; Ariyoshi,
 Koichi [Reprint Author]; Takahashi, Toru [Reprint Author];
 Tagami, Kozo [Reprint Author]; Sato, Yutaka [Reprint
 Author]; Tanizawa, Yukio [Reprint Author]
 CORPORATE SOURCE: Bio-Signal Analysis, Graduate School of Medicine, Yamaguchi
 University, Ube, Yamaguchi, Japan
 SOURCE: Blood, (November 16 2003) Vol. 102, No. 11, pp. 857a.
 print.
 Meeting Info.: 45th Annual Meeting of the American Society
 of Hematology. San Diego, CA, USA. December 06-09, 2003.
 American Society of Hematology.
 CODEN: BLOOAW. ISSN: 0006-4971.
 DOCUMENT TYPE: Conference; (Meeting)
 Conference; (Meeting Poster)
 Conference; Abstract; (Meeting Abstract)
 LANGUAGE: English
 ENTRY DATE: Entered STN: 17 Mar 2004
 Last Updated on STN: 17 Mar 2004

L8 ANSWER 30 OF 175 MEDLINE on STN DUPLICATE 16
 ACCESSION NUMBER: 2003548723 MEDLINE Full-text
 DOCUMENT NUMBER: PubMed ID: 14627958
 TITLE: MEK kinase 1 regulates c-Jun phosphorylation in the control
 of corneal morphogenesis.
 AUTHOR: Zhang Lin; Deng Maoxian; Kao Candace W C; Kao Winston W Y;
 Xia Ying
 CORPORATE SOURCE: Center for Environmental Genetics and Department of
 Environmental Health, University of Cincinnati Medical
 Center, Cincinnati, OH 45267-0056, USA.
 CONTRACT NUMBER: EY 11845 (NEI)
 EY015227 (NEI)
 EY13755 (NEI)
 P30 ES06096 (NIEHS)
 SOURCE: Molecular vision [electronic resource], (2003 Nov 3) 9
 584-93.

Journal code: 9605351. ISSN: 1090-0535.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200312
ENTRY DATE: Entered STN: 20031121
Last Updated on STN: 20031216
Entered Medline: 20031215

L8 ANSWER 31 OF 175 MEDLINE on STN DUPLICATE 17
ACCESSION NUMBER: 2003247372 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 12769772
TITLE: Implication of raft microdomains in drug induced apoptosis.
AUTHOR: Bezombes Christine; Laurent Guy; Jaffrezou Jean-Pierre
CORPORATE SOURCE: INSERM U563-CPTP, Institut Claudius Regaud, 20 rue du Pont St Pierre 31052, Toulouse, France.
SOURCE: Current medicinal chemistry. Anti-cancer agents, (2003 Jul) 3 (4) 263-70. Ref: 112
Journal code: 101123597. ISSN: 1568-0118.
PUB. COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200308
ENTRY DATE: Entered STN: 20030529
Last Updated on STN: 20030821
Entered Medline: 20030820

L8 ANSWER 32 OF 175 MEDLINE on STN DUPLICATE 18
ACCESSION NUMBER: 2003440416 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 14499626
TITLE: Defective stress kinase and Bak activation in response to ionizing radiation but not cisplatin in a non-small cell lung carcinoma cell line.
AUTHOR: Viktorsson Kristina; Ekedahl Jessica; Lindebro Maria C; Lewensohn Rolf; Zhivotovsky Boris; Linder Stig; Shoshan Maria C
CORPORATE SOURCE: Cancer Center Karolinska, Department of Oncology-Pathology, Karolinska Institute, S-171 76 Stockholm, Sweden.
SOURCE: Experimental cell research, (2003 Oct 1) 289 (2) 256-64.
Journal code: 0373226. ISSN: 0014-4827.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200311
ENTRY DATE: Entered STN: 20030923
Last Updated on STN: 20031106
Entered Medline: 20031105

L8 ANSWER 33 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
ACCESSION NUMBER: 2003:237915 SCISEARCH Full-text
THE GENUINE ARTICLE: 653VH
TITLE: An LKB1-interacting protein negatively regulates TNF alpha-induced NF-kappa B activation
AUTHOR: Liu W K; Chien C Y; Chou C K; Su J Y (Reprint)
CORPORATE SOURCE: Natl Yang Ming Univ, Dept Life Sci, Peitou, Taipei 112, Taiwan (Reprint); Natl Yang Ming Univ, Dept Life Sci, Taipei 112, Taiwan; Natl Yang Ming Univ, Inst Microbiol & Immunol, Taipei 112, Taiwan; Vet Gen Hosp, Dept Educ & Res, Taipei, Taiwan
COUNTRY OF AUTHOR: Taiwan
SOURCE: JOURNAL OF BIOMEDICAL SCIENCE, (MAR-APR 2003) Vol. 10, No. 2, pp. 242-252.
Publisher: KARGER, ALLSCHWILERSTRASSE 10, CH-4009 BASEL, SWITZERLAND.
ISSN: 1021-7770.
DOCUMENT TYPE: Article; Journal
LANGUAGE: English
REFERENCE COUNT: 41

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 34 OF 175 MEDLINE on STN DUPLICATE 19
 ACCESSION NUMBER: 2003056106 MEDLINE Full-text
 DOCUMENT NUMBER: PubMed ID: 12565821
 TITLE: The kinase domain of MEKK1 induces apoptosis by dysregulation of MAP kinase pathways.
 AUTHOR: Boldt Simone; Weidle Ulrich H; Kolch Walter
 CORPORATE SOURCE: Beatson Institute for Cancer Research, Cancer Research UK, Garscube Estate, Switchback Road, Bearsden, Glasgow G61 1BD, UK.. sboldt@beatson.gla.ac.uk
 SOURCE: Experimental cell research, (2003 Feb 1) 283 (1) 80-90. Journal code: 0373226. ISSN: 0014-4827.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200303
 ENTRY DATE: Entered STN: 20030205
 Last Updated on STN: 20030313
 Entered Medline: 20030312

L8 ANSWER 35 OF 175 CAPLUS COPYRIGHT 2004 ACS on STN
 ACCESSION NUMBER: 2002:920768 CAPLUS Full-text
 DOCUMENT NUMBER: 138:182723
 TITLE: Regulation of mekk1 and stat3 signaling pathways in growth control
 AUTHOR(S): Bild, Andrea Hope
 CORPORATE SOURCE: Health Sciences Center, Univ. of Colorado, Denver, CO, USA
 SOURCE: (2002) 96 pp. Avail.: UMI, Order No. DA3045745
 From: Diss. Abstr. Int., B 2002, 63(3), 1340
 DOCUMENT TYPE: Dissertation
 LANGUAGE: English

L8 ANSWER 36 OF 175 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN
 ACCESSION NUMBER: 2002-722537 [78] WPIDS Full-text
 CROSS REFERENCE: 2000-037089 [03]
 DOC. NO. NON-CPI: N2002-569749
 DOC. NO. CPI: C2002-204400
 TITLE: Limiting infection by an immunodeficiency virus, particularly human immunodeficiency virus, involves inhibiting an immunodeficiency virus protein which regulates apoptosis in T cells.
 DERWENT CLASS: B04 D16 S03
 INVENTOR(S): CASELLA, C; FINKEL, T H
 PATENT ASSIGNEE(S): (NAJE-N) NAT JEWISH MEDICAL & RES CENT
 COUNTRY COUNT: 1
 PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
US 2002091073	A1	20020711	(200278)*		13

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
US 2002091073	A1 Provisional	US 1995-9460P	19951229
	Cont of	US 1996-774269	19961227
	Cont of	US 1999-389944	19990903
		US 2001-881573	20010613

PRIORITY APPLN. INFO: US 1995-9460P 19951229; US
 1996-774269 19961227; US
 1999-389944 19990903; US
 2001-881573 20010613

L8 ANSWER 37 OF 175 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN
 ACCESSION NUMBER: 2002-462905 [49] WPIDS Full-text
 CROSS REFERENCE: 1999-508649 [42]; 1999-571843 [48]
 DOC. NO. NON-CPI: N2002-365016
 DOC. NO. CPI: C2002-131442
 TITLE: New isolated protease resistant mitogen-activated protein kinase kinase kinase1 protein used for inhibiting

apoptosis and treating diseases, such as, cancer,
autoimmune diseases, allergic reactions, and
inflammation.

DERWENT CLASS: B04 D16 S03
INVENTOR(S): JOHNSON, G L
PATENT ASSIGNEE(S): (NAJE-N) NAT JEWISH CENT IMMUNOLOGY & RESPIRATORY
COUNTRY COUNT: 1
PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
US 2002055130	A1	20020509	(200249)*		97

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
US 2002055130	A1 Provisional	US 1997-39740P	19970214
	Cont of	US 1998-23130	19980213
		US 2001-858754	20010516

PRIORITY APPLN. INFO: US 1997-39740P 19970214; US
1998-23130 19980213; US
2001-858754 20010516

L8 ANSWER 38 OF 175 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:10730 CAPLUS Full-text

DOCUMENT NUMBER: 136:49326

TITLE: Diagnosis of diseases associated with the immune
system using oligomer probes to detect cytosine
methylation state

INVENTOR(S): Olek, Alexander; Piepenbrock, Christian; Berlin, Kurt

PATENT ASSIGNEE(S): Epigenomics A.-G., Germany

SOURCE: PCT Int. Appl., 32 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 68

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002000928	A2	20020103	WO 2001-EP7537	20010702
WO 2002000928	A3	20020801		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
DE 10032529	A1	20020207	DE 2000-10032529	20000630
EP 1274865	A2	20030115	EP 2001-953936	20010406
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2003531589	T2	20031028	JP 2001-575634	20010406
EP 1360319	A2	20031112	EP 2001-955278	20010406
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
DE 20121961	U1	20040129	DE 2001-20121961	20010629
DE 20121971	U1	20040205	DE 2001-20121971	20010629
DE 20121979	U1	20040205	DE 2001-20121979	20010629
EP 1294951	A2	20030326	EP 2001-967115	20010702
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
DE 20121966	U1	20031224	DE 2001-20121966	20010702
DE 20121963	U1	20040129	DE 2001-20121963	20010702
DE 20121967	U1	20040129	DE 2001-20121967	20010702
DE 20121975	U1	20040219	DE 2001-20121975	20010702
DE 20121978	U1	20040219	DE 2001-20121978	20010702
US 2003143606	A1	20030731	US 2002-311455	20021216
US 2004067491	A1	20040408	US 2003-240454	20030311

US 2003162194	A1	20030828	US 2003-240452	20030414
JP 2004008217	A2	20040115	JP 2003-160375	20030605
US 2004023279	A1	20040205	US 2003-455212	20030605

PRIORITY APPLN. INFO.:

DE 2000-10032529	A	20000630
DE 2000-10043826	A	20000901
DE 2000-10019058	A	20000406
DE 2000-10019173	A	20000407
WO 2001-EP3969	W	20010406
WO 2001-EP4016	W	20010406
EP 2001-967115	A	20010702
WO 2001-EP7537	W	20010702
EP 2002-90203	A	20020605

L8 ANSWER 39 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 ACCESSION NUMBER: 2003:35393 SCISEARCH Full-text
 THE GENUINE ARTICLE: 624YK
 TITLE: Activation of SAPK/JNK signaling by protein kinase C delta
 in response to DNA damage
 AUTHOR: Yoshida K; Miki Y; Kufe D (Reprint)
 CORPORATE SOURCE: Harvard Univ, Sch Med, Dana Farber Canc Inst, 44 Binney
 St, Boston, MA 02115 USA (Reprint); Harvard Univ, Sch Med,
 Dana Farber Canc Inst, Boston, MA 02115 USA; Tokyo Med &
 Dent Univ, Med Res Inst, Dept Mol Genet, Tokyo 1138510,
 Japan
 COUNTRY OF AUTHOR: USA; Japan
 SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (13 DEC 2002) Vol. 277,
 No. 50, pp. 48372-48378.
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC,
 9650 ROCKVILLE PIKE, BETHESDA, MD 20814-3996 USA.
 ISSN: 0021-9258.
 DOCUMENT TYPE: Article; Journal
 LANGUAGE: English
 REFERENCE COUNT: 46
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 40 OF 175 CAPLUS COPYRIGHT 2004 ACS on STN
 ACCESSION NUMBER: 2002:863505 CAPLUS Full-text
 DOCUMENT NUMBER: 138:268826
 TITLE: Evidence of Functional Modulation of the MEKK/JNK/cJun
 Signaling Cascade by the Low Density Lipoprotein
 Receptor-related Protein (LRP)
 AUTHOR(S): Lutz, Christina; Nimpf, Johannes; Jenny, Marcel;
 Boecklinger, Karl; Enzinger, Christiane; Utermann,
 Gerd; Baier-Bitterlich, Gabriele; Baier, Gottfried
 CORPORATE SOURCE: Institute for Medical Biology and Human Genetics,
 University and Biocenter of Vienna, Vienna, A1030,
 Austria
 SOURCE: Journal of Biological Chemistry (2002), 277(45),
 43143-43151
 CODEN: JBCHA3; ISSN: 0021-9258
 PUBLISHER: American Society for Biochemistry and Molecular
 Biology
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 65 THERE ARE 65 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 41 OF 175 MEDLINE on STN DUPLICATE 20
 ACCESSION NUMBER: 2002640757 MEDLINE Full-text
 DOCUMENT NUMBER: PubMed ID: 12186863
 TITLE: A role for protein phosphatase-2A in p38 mitogen-activated
 protein kinase-mediated regulation of the c-Jun
 NH(2)-terminal kinase pathway in human neutrophils.
 AUTHOR: Avdi Natalie J; Malcolm Kenneth C; Nick Jerry A; Worthen G
 Scott
 CORPORATE SOURCE: Department of Medicine, Division of Cell Biology, National
 Jewish Medical and Research Center, 1400 Jackson Street,
 D403, Denver, CO 80206, USA.. avdin@njc.org
 CONTRACT NUMBER: HL 61407-04 (NHLBI)
 SOURCE: Journal of biological chemistry, (2002 Oct 25) 277 (43)
 40687-96.
 Journal code: 2985121R. ISSN: 0021-9258.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English

FILE SEGMENT: Priority Journals
ENTRY MONTH: 200212
ENTRY DATE: Entered STN: 20021026
Last Updated on STN: 20030105
Entered Medline: 20021209

L8 ANSWER 42 OF 175 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2002:764456 CAPLUS Full-text
DOCUMENT NUMBER: 138:218728
TITLE: IKK β Is Required for Bcl-2-mediated NF- κ B
Activation in Ventricular Myocytes
AUTHOR(S): Regula, Kelly M.; Ens, Karen; Kirshenbaum, Lorrie A.
CORPORATE SOURCE: Faculty of Medicine, and the Department of Physiology,
St. Boniface General Hospital Research Centre,
Institute of Cardiovascular Sciences, University of
Manitoba, Winnipeg, MB, R2H 2A6, Can.
SOURCE: Journal of Biological Chemistry (2002), 277(41),
38676-38682
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular
Biology
DOCUMENT TYPE: Journal
LANGUAGE: English

L8 ANSWER 43 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN DUPLICATE
21
ACCESSION NUMBER: 2002:744224 SCISEARCH Full-text
THE GENUINE ARTICLE: 588UB
TITLE: A novel specific role for I kappa B kinase
complex-associated protein in cytosolic stress signaling
AUTHOR: Holmberg C; Katz S; Lerdrup M; Herdegen T; Jaattela M;
Aronheim A; Kallunki T (Reprint)
CORPORATE SOURCE: Danish Canc Soc, Apoptosis Lab, Strandblvd 49, DK-2100
Copenhagen, Denmark (Reprint); Danish Canc Soc, Apoptosis
Lab, DK-2100 Copenhagen, Denmark; Technion Israel Inst
Technol, Dept Mol Genet, IL-31096 Haifa, Israel; Technion
Israel Inst Technol, Rappaport Family Inst Res Med Sci,
IL-31096 Haifa, Israel; Christian Albrechts Univ Kiel
Klinikum, Inst Pharmacol, D-24105 Kiel, Germany
COUNTRY OF AUTHOR: Denmark; Israel; Germany
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (30 AUG 2002) Vol. 277,
No. 35, pp. 31918-31928.
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC,
9650 ROCKVILLE PIKE, BETHESDA, MD 20814-3996 USA.
ISSN: 0021-9258.
DOCUMENT TYPE: Article; Journal
LANGUAGE: English
REFERENCE COUNT: 65
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 44 OF 175 MEDLINE on STN DUPLICATE 22
ACCESSION NUMBER: 2002349314 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 11959862
TITLE: Scaffold role of a mitogen-activated protein kinase
phosphatase, SKRP1, for the JNK signaling pathway.
AUTHOR: Zama Takeru; Aoki Ryoko; Kamimoto Takahiro; Inoue Koichi;
Ikeda Yasuo; Hagiwara Masatoshi
CORPORATE SOURCE: Department of Medicine, School of Medicine, Keio
University, 35 Shinanomachi, Shinjuku-ku, Tokyo 160-0016,
Japan.
SOURCE: Journal of biological chemistry, (2002 Jun 28) 277 (26)
23919-26.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200208
ENTRY DATE: Entered STN: 20020703
Last Updated on STN: 20030105
Entered Medline: 20020806

L8 ANSWER 45 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
ACCESSION NUMBER: 2002:360749 SCISEARCH Full-text
THE GENUINE ARTICLE: 542GZ

TITLE: Nonstructural 5A protein of hepatitis C virus modulates tumor necrosis factor alpha-stimulated nuclear factor kappa B activation

AUTHOR: Park K J; Choi S H; Lee S Y; Hwang S B (Reprint); Lai M M C

CORPORATE SOURCE: Hallym Univ, Hallym Acad Sci, Inst Environm & Life Sci, 1 Ockcheon Dong, Chunchon 200702, South Korea (Reprint); Hallym Univ, Hallym Acad Sci, Inst Environm & Life Sci, Chunchon 200702, South Korea; Ewha Womans Univ, Div Mol Life Sci, Seoul 120750, South Korea; Ewha Womans Univ, Ctr Cell Signaling Res, Seoul 120750, South Korea; Univ So Calif, Sch Med, Howard Hughes Med Inst, Dept Mol Microbiol & Immunol, Los Angeles, CA 90033 USA

COUNTRY OF AUTHOR: South Korea; USA

SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (12 APR 2002) Vol. 277, No. 15, pp. 13122-13128.
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814-3996 USA.
 ISSN: 0021-9258.

DOCUMENT TYPE: Article; Journal

LANGUAGE: English

REFERENCE COUNT: 59

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 46 OF 175 MEDLINE on STN DUPLICATE 23

ACCESSION NUMBER: 2002165696 MEDLINE Full-text

DOCUMENT NUMBER: PubMed ID: 11756439

TITLE: MEK kinase 1 induces mitochondrial permeability transition leading to apoptosis independent of cytochrome c release.

AUTHOR: Gibson Erika M; Henson Elizabeth S; Villanueva Jacelyn; Gibson Spencer B

CORPORATE SOURCE: Manitoba Institute of Cell Biology, Winnipeg, Manitoba R3E 0V9, Canada.. gibsonsb@cc.umanitoba.ca

SOURCE: Journal of biological chemistry, (2002 Mar 22) 277 (12) 10573-80.
 Journal code: 2985121R. ISSN: 0021-9258.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 200204

ENTRY DATE: Entered STN: 20020319
 Last Updated on STN: 20030105
 Entered Medline: 20020429

L8 ANSWER 47 OF 175 MEDLINE on STN DUPLICATE 24

ACCESSION NUMBER: 2002183220 MEDLINE Full-text

DOCUMENT NUMBER: PubMed ID: 11782455

TITLE: Apoptosis stimulated by the 91-kDa caspase cleavage MEKK1 fragment requires translocation to soluble cellular compartments.

AUTHOR: Schlesinger Thomas K; Bonvin Christelle; Jarpe Matthew B; Fanger Gary R; Cardinaux Jean-Rene; Johnson Gary L; Widmann Christian

CORPORATE SOURCE: Institute of Cellular Biology and Morphology, University of Lausanne, 1005 Lausanne, Switzerland.

CONTRACT NUMBER: DK37871 (NIDDK)
 DK48845 (NIDDK)
 GM30324 (NIGMS)

SOURCE: Journal of biological chemistry, (2002 Mar 22) 277 (12) 10283-91.
 Journal code: 2985121R. ISSN: 0021-9258.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 200204

ENTRY DATE: Entered STN: 20020403
 Last Updated on STN: 20030105
 Entered Medline: 20020429

L8 ANSWER 48 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 2002:863655 SCISEARCH Full-text

THE GENUINE ARTICLE: 604JX

TITLE: ATF3 induction following DNA damage is regulated by distinct signaling pathways and over-expression of ATF3 protein suppresses cells growth
 AUTHOR: Fan F Y; Jin S Q; Amundson S A; Tong T; Fan W H; Zhao H C; Zhu X C; Mazzacurati L; Li X X; Petrik K L; Fornace A J; Rajasekaran B; Zhan Q M (Reprint)
 CORPORATE SOURCE: Univ Pittsburgh, Sch Med, Inst Canc, Dept Radiat Oncol, BST W-945, 200 Lothrop St, Pittsburgh, PA 15213 USA (Reprint); Univ Pittsburgh, Sch Med, Inst Canc, Dept Radiat Oncol, Pittsburgh, PA 15213 USA; Univ Pittsburgh, Sch Med, Dept Mol Genet & Biochem, Pittsburgh, PA 15213 USA; Chinese Acad Med Sci, Inst Canc, Natl Lab Mol Oncol, Beijing 100021, Peoples R China; NCI, Lab Basic Sci, NIH, Bethesda, MD 20892 USA
 COUNTRY OF AUTHOR: USA; Peoples R China
 SOURCE: ONCOGENE, (24 OCT 2002) Vol. 21, No. 49, pp. 7488-7496. Publisher: NATURE PUBLISHING GROUP, MACMILLAN BUILDING, 4 CRINAN ST, LONDON N1 9XW, ENGLAND. ISSN: 0950-9232.
 DOCUMENT TYPE: Article; Journal
 LANGUAGE: English
 REFERENCE COUNT: 50
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 49 OF 175 MEDLINE on STN DUPLICATE 25
 ACCESSION NUMBER: 2002480270 MEDLINE Full-text
 DOCUMENT NUMBER: PubMed ID: 12242663
 TITLE: MEKK1-induced apoptosis requires TRAIL death receptor activation and is inhibited by AKT/PKB through inhibition of MEKK1 cleavage.
 AUTHOR: Bild Andrea H; Mendoza Francisco J; Gibson Erika M; Huang Mei; Villanueva Jaclynn; Garrington Timothy P; Jove Richard; Johnson Gary L; Gibson Spencer B
 CORPORATE SOURCE: Department of Pharmacology, University of Colorado, 2400 East Ninth Street, Denver, Colorado, CO 80262, USA.
 SOURCE: Oncogene, (2002 Sep 26) 21 (43) 6649-56. Journal code: 8711562. ISSN: 0950-9232.
 PUB. COUNTRY: England; United Kingdom
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200210
 ENTRY DATE: Entered STN: 20020921
 Last Updated on STN: 20021011
 Entered Medline: 20021010

L8 ANSWER 50 OF 175 MEDLINE on STN DUPLICATE 26
 ACCESSION NUMBER: 2002337158 MEDLINE Full-text
 DOCUMENT NUMBER: PubMed ID: 12080469
 TITLE: Regulation of c-myc stability by selective stress conditions and by MEKK1 requires aa 127-189 of c-myc.
 AUTHOR: Alarcon-Vargas Dania; Tansey William P; Ronai Ze'ev
 CORPORATE SOURCE: Rutenberg Cancer Center, Mount Sinai School of Medicine, New York, NY 10029, USA.
 CONTRACT NUMBER: CA13106 (NCI)
 CA78419 (NCI)
 CA85197 (NCI)
 SOURCE: Oncogene, (2002 Jun 27) 21 (28) 4384-91. Journal code: 8711562. ISSN: 0950-9232.
 PUB. COUNTRY: England; United Kingdom
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200207
 ENTRY DATE: Entered STN: 20020625
 Last Updated on STN: 20020719
 Entered Medline: 20020718

L8 ANSWER 51 OF 175 MEDLINE on STN DUPLICATE 27
 ACCESSION NUMBER: 2002246671 MEDLINE Full-text
 DOCUMENT NUMBER: PubMed ID: 11971970
 TITLE: Androgen receptor acetylation governs trans activation and MEKK1-induced apoptosis without affecting in vitro sumoylation and trans-repression function.

AUTHOR: Fu Maofu; Wang Chenguang; Wang Jian; Zhang Xueping;
Sakamaki Toshiyuki; Yeung Y G; Chang Chawnshang; Hopp
Torsten; Fuqua Suzanne A W; Jaffray Ellis; Hay Ron T;
Palvimo Jorma J; Janne Olli A; Pestell Richard G
CORPORATE SOURCE: Department of Developmental and Molecular Biology, The
Albert Einstein Comprehensive Cancer Center, Albert
Einstein College of Medicine, Bronx, New York 10461, USA.
CONTRACT NUMBER: 5-P30-CA13330-26 (NCI)
R01CA72038-01 (NCI)
R01CA86072 (NCI)
SOURCE: Molecular and cellular biology, (2002 May) 22 (10) 3373-88.
Journal code: 8109087. ISSN: 0270-7306.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200206
ENTRY DATE: Entered STN: 20020503
Last Updated on STN: 20020605
Entered Medline: 20020604

L8 ANSWER 52 OF 175 MEDLINE on STN DUPLICATE 28
ACCESSION NUMBER: 2002207508 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 11940658
TITLE: Calpain-mediated Bid cleavage and calpain-independent Bak
modulation: two separate pathways in cisplatin-induced
apoptosis.
AUTHOR: Mandic Aleksandra; Viktorsson Kristina; Strandberg Linda;
Heiden Thomas; Hansson Johan; Linder Stig; Shoshan Maria C
CORPORATE SOURCE: Cancer Center Karolinska, Department of Oncology-Pathology,
Karolinska Institute and Hospital, S-171 76 Stockholm,
Sweden.
SOURCE: Molecular and cellular biology, (2002 May) 22 (9) 3003-13.
Journal code: 8109087. ISSN: 0270-7306.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200205
ENTRY DATE: Entered STN: 20020410
Last Updated on STN: 20020517
Entered Medline: 20020516

L8 ANSWER 53 OF 175 MEDLINE on STN DUPLICATE 29
ACCESSION NUMBER: 2002424716 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 12181357
TITLE: Cell stress and MEKK1-mediated c-Jun activation
modulate NFkappaB activity and cell viability.
AUTHOR: Sanchez-Perez Isabel; Benitah Salvador Aznar;
Martinez-Gomariz Montserrat; Lacal Juan Carlos; Perona
Rosario
CORPORATE SOURCE: Instituto de Investigaciones Biomedicas Consejo Superior de
Investigaciones Cientificas-Universidad Autonoma de Madrid,
Spain.
SOURCE: Molecular biology of the cell, (2002 Aug) 13 (8) 2933-45.
Journal code: 9201390. ISSN: 1059-1524.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200304
ENTRY DATE: Entered STN: 20020816
Last Updated on STN: 20030410
Entered Medline: 20030409

L8 ANSWER 54 OF 175 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2002:335859 CAPLUS Full-text
DOCUMENT NUMBER: 137:61212
TITLE: Partial depletion of intracellular ATP mediates the
stress-survival function of the PCPH oncoprotein
AUTHOR(S): Recio, Juan A.; Paez, J. Guillermo; Sanders, Sean;
Kawakami, Toshiaki; Notario, Vicente
CORPORATE SOURCE: Laboratory of Experimental Carcinogenesis, Department
of Radiation Medicine, Georgetown University Medical
Center, Washington, DC, 20007, USA

SOURCE: Cancer Research (2002), 62(9), 2690-2694
CODEN: CNREA8; ISSN: 0008-5472
PUBLISHER: American Association for Cancer Research
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 55 OF 175 MEDLINE on STN DUPLICATE 30
ACCESSION NUMBER: 2002089294 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 11707464
TITLE: Akt (protein kinase B) negatively regulates SEK1 by means
of protein phosphorylation.
AUTHOR: Park Hee-Sae; Kim Mi-Sung; Huh Sung-Ho; Park Jihyun; Chung
Jongkyeong; Kang Sang Sun; Choi Eui-Ju
CORPORATE SOURCE: National Creative Research Initiative Center for Cell
Death, Graduate School of Biotechnology, Korea University,
Seoul 136-701, Korea.
SOURCE: Journal of biological chemistry, (2002 Jan 25) 277 (4)
2573-8.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200202
ENTRY DATE: Entered STN: 20020131
Last Updated on STN: 20030105
Entered Medline: 20020225

L8 ANSWER 56 OF 175 MEDLINE on STN DUPLICATE 31
ACCESSION NUMBER: 2002609684 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 12365017
TITLE: Role of Rel/NF-kappaB transcription factors in
apoptosis of human hepatocellular carcinoma cells.
AUTHOR: Chiao Paul J; Na Ren; Niu Jiangong; Sclabas Guido M; Dong
Qianggang; Curley Steven A
CORPORATE SOURCE: Department of Surgical Oncology, The University of Texas M.
D. Anderson Cancer Center, Houston, Texas 77030, USA.
CONTRACT NUMBER: CA73675-01 (NCI)
SOURCE: Cancer, (2002 Oct 15) 95 (8) 1696-705.
Journal code: 0374236. ISSN: 0008-543X.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals
ENTRY MONTH: 200210
ENTRY DATE: Entered STN: 20021008
Last Updated on STN: 20021030
Entered Medline: 20021029

L8 ANSWER 57 OF 175 MEDLINE on STN DUPLICATE 32
ACCESSION NUMBER: 2002307743 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 12049732
TITLE: The PHD domain of MEKK1 acts as an E3 ubiquitin
ligase and mediates ubiquitination and degradation of
ERK1/2.
AUTHOR: Lu Zhimin; Xu Shuichan; Joazeiro Claudio; Cobb Melanie H;
Hunter Tony
CORPORATE SOURCE: Molecular and Cell Biology Laboratory, The Salk Institute
for Biological Studies, 10010 North Torrey Pines Road, La
Jolla, CA 92037, USA.
CONTRACT NUMBER: CA14195 (NCI)
CA82863 (NCI)
GM 56498 (NIGMS)
SOURCE: Molecular cell, (2002 May) 9 (5) 945-56.
Journal code: 9802571. ISSN: 1097-2765.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200207
ENTRY DATE: Entered STN: 20020611
Last Updated on STN: 20030304
Entered Medline: 20020703

L8 ANSWER 58 OF 175 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 33

ACCESSION NUMBER: 2002:479668 BIOSIS Full-text
DOCUMENT NUMBER: PREV200200479668
TITLE: Immature and mature cortical neurons engage different
apoptotic mechanisms involving caspase-3 and the
mitogen-activated protein kinase pathway.
AUTHOR(S): Lesuisse, Christian; Martin, Lee J. [Reprint author]
CORPORATE SOURCE: Department of Pathology, Johns Hopkins University School of
Medicine, 720 Rutland Avenue, 558 Ross Building, Baltimore,
MD, 21205-2196, USA
lmartin@jhmi.edu
SOURCE: Journal of Cerebral Blood Flow and Metabolism, (August,
2002) Vol. 22, No. 8, pp. 935-950. print.
CODEN: JCBMDN. ISSN: 0271-678X.
DOCUMENT TYPE: Article
LANGUAGE: English
ENTRY DATE: Entered STN: 11 Sep 2002
Last Updated on STN: 11 Sep 2002

L8 ANSWER 59 OF 175 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:57583 CAPLUS Full-text
DOCUMENT NUMBER: 139:17121
TITLE: Cisplatin potentiates 1,25-dihydroxyvitamin D3-induced
apoptosis in association with increased
mitogen-activated protein kinase kinase kinase 1
(MEKK-1) expression
AUTHOR(S): Hershberger, Pamela A.; McGuire, Terence F.; Yu,
Wei-Dong; Zuhowski, Eleanor G.; Schellens, Jan H. M.;
Egorin, Merrill J.; Trump, Donald L.; Johnson, Candace
S.
CORPORATE SOURCE: Department of Pharmacology, University of Pittsburgh
School of Medicine, Pittsburgh, PA, 15213, USA
SOURCE: Molecular Cancer Therapeutics (2002), 1(10), 821-829
CODEN: MCTOCF; ISSN: 1535-7163
PUBLISHER: American Association for Cancer Research
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 60 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 2002:76222 SCISEARCH Full-text
THE GENUINE ARTICLE: 511FE
TITLE: Direct activation of mitogen-activated protein kinase
kinase kinase MEKK1 by the Ste20p homologue GCK
and the adapter protein TRAF2
AUTHOR: Chadee D N; Yuasa T; Kyriakis J M (Reprint)
CORPORATE SOURCE: Massachusetts Gen Hosp East, Diabet Res Lab, 149 13th St,
Charlestown, MA 02129 USA (Reprint); Massachusetts Gen
Hosp, Med Serv, Diabet Res Lab, Charlestown, MA USA;
Harvard Univ, Sch Med, Dept Med, Charlestown, MA USA; Univ
Tokyo, Grad Sch Arts & Sci, Dept Life Sci, Tokyo 1130033,
Japan
COUNTRY OF AUTHOR: USA; Japan
SOURCE: MOLECULAR AND CELLULAR BIOLOGY, (FEB 2002) Vol. 22, No. 3,
pp. 737-749.
Publisher: AMER SOC MICROBIOLOGY, 1752 N ST NW,
WASHINGTON, DC 20036-2904 USA.
ISSN: 0270-7306.
DOCUMENT TYPE: Article; Journal
LANGUAGE: English
REFERENCE COUNT: 49
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 61 OF 175 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:438643 CAPLUS Full-text
DOCUMENT NUMBER: 137:367599
TITLE: Herpes simplex virus type 2 US3 blocks
apoptosis induced by sorbitol treatment
AUTHOR(S): Murata, Takayuki; Goshima, Fumi; Yamauchi, Yohei;
Koshizuka, Tetsuo; Takakuwa, Hiroki; Nishiyama,
Yukihiro
CORPORATE SOURCE: Research Institute for Disease Mechanism and Control,

Laboratory of Virology, Nagoya University School of
Medicine, Showa-ku, Nagoya, 466-8550, Japan
SOURCE: Microbes and Infection (2002), 4(7), 707-712
CODEN: MCINFS; ISSN: 1286-4579
PUBLISHER: Editions Scientifiques et Medicales Elsevier
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 62 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
ACCESSION NUMBER: 2002:685566 SCISEARCH Full-text
THE GENUINE ARTICLE: 582WX
TITLE: MEKK1 induces c-Jun complexes that act as
negative regulators for cell survival and proliferation of
HCC cells
AUTHOR: Komoda F; Shino Y; Hirano T; Okutomi Y; Okamoto H; Hayashi
Y; Suyama T; Ebara M; Saisho H; Shirasawa H (Reprint)
CORPORATE SOURCE: Chiba Univ, Dept Mol Virol E2, Grad Sch Med, Chuo Ku,
1-8-1 Inohana, Chiba 8608670, Japan (Reprint); Chiba Univ,
Dept Mol Virol E2, Grad Sch Med, Chuo Ku, Chiba 8608670,
Japan; Chiba Univ, Dept Med & Clin Oncol K1, Grad Sch Med,
Chuo Ku, Chiba 8608670, Japan
COUNTRY OF AUTHOR: Japan
SOURCE: INTERNATIONAL JOURNAL OF ONCOLOGY, (SEP 2002) Vol. 21, No.
3, pp. 553-559.
Publisher: PROFESSOR D A SPANDIDOS, 1, S MERKOURI ST,
EDITORIAL OFFICE,, ATHENS 116 35, GREECE.
ISSN: 1019-6439.
DOCUMENT TYPE: Article; Journal
LANGUAGE: English
REFERENCE COUNT: 30
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 63 OF 175 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
ACCESSION NUMBER: 2002:618796 BIOSIS Full-text
DOCUMENT NUMBER: PREV200200618796
TITLE: Apoptosis in human hepatocellular carcinoma (HCC)
with exisulind and its derivatives and potential for
pro-apoptotic drug development.
AUTHOR(S): Lee, Yin-Mei [Reprint author]; Neff, Guy [Reprint author];
Xu, S.; Menander, K. B.; Whitehead, C.; Thompson, W. J.
CORPORATE SOURCE: University of Miami, Miami, FL, USA
SOURCE: Hepatology, (October, 2002) Vol. 36, No. 4 Part 2, pp.
471A. print.
Meeting Info.: 53rd Annual Meeting on the Liver. BOSTON,
MA, USA. November 01-05, 2002.
CODEN: HPTLD9. ISSN: 0270-9139.
DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LANGUAGE: English
ENTRY DATE: Entered STN: 4 Dec 2002
Last Updated on STN: 4 Dec 2002

L8 ANSWER 64 OF 175 MEDLINE on STN DUPLICATE 34
ACCESSION NUMBER: 2003011364 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 12517717
TITLE: A subset of caspase substrates functions as the Jekyll and
Hyde of apoptosis.
AUTHOR: Yang Jian-Yan; Widmann Christian
CORPORATE SOURCE: Institut de biologie cellulaire et de morphologie (IBCM),
Universite de Lausanne, Switzerland.
SOURCE: European cytokine network, (2002 Oct-Dec) 13 (4) 404-6.
Ref: 10
Journal code: 9100879. ISSN: 1148-5493.
PUB. COUNTRY: France
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200309
ENTRY DATE: Entered STN: 20030109
Last Updated on STN: 20030928
Entered Medline: 20030926

L8 ANSWER 65 OF 175 MEDLINE on STN DUPLICATE 35

ACCESSION NUMBER: 2002388325 MEDLINE Full-text

DOCUMENT NUMBER: PubMed ID: 12122119

TITLE: The MEKK1-JNK pathway plays a protective role in pressure overload but does not mediate cardiac hypertrophy.

AUTHOR: Sadoshima Junichi; Montagne Olivier; Wang Qian; Yang Guiping; Warden Jill; Liu Jing; Takagi Gen; Karoor Vijaya; Hong Chull; Johnson Gary L; Vatner Dorothy E; Vatner Stephen F

CORPORATE SOURCE: Cardiovascular Research Institute, Department of Cell Biology and Molecular Medicine, University of Medicine and Dentistry of New Jersey, New Jersey Medical School, Newark 07103, USA.. Sadoshju@umdnj.edu

CONTRACT NUMBER: AG-14121 (NIA)

DK37871 (NIDDK)

GM-30324 (NIGMS)

HL-33065 (NHLBI)

HL-33107 (NHLBI)

HL-59139 (NHLBI)

HL-65182 (NHLBI)

HL-65183 (NHLBI)

HL-67724 (NHLBI)

HL-67727 (NHLBI)

HL-69020 (NHLBI)

SOURCE: Journal of clinical investigation, (2002 Jul) 110 (2) 271-9.

Journal code: 7802877. ISSN: 0021-9738.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals

ENTRY MONTH: 200208

ENTRY DATE: Entered STN: 20020725

Last Updated on STN: 20020815

Entered Medline: 20020814

L8 ANSWER 66 OF 175 MEDLINE on STN DUPLICATE 36

ACCESSION NUMBER: 2002401868 MEDLINE Full-text

DOCUMENT NUMBER: PubMed ID: 12151316

TITLE: Proteasome inhibitors stimulate interleukin-8 expression via Ras and apoptosis signal-regulating kinase-dependent extracellular signal-related kinase and c-Jun N-terminal kinase activation.

AUTHOR: Wu Hsiao-Mei; Wen Hui-Chun; Lin Wan-Wan

CORPORATE SOURCE: Department of Pharmacology, College of Medicine, National Taiwan University, Taipei, Taiwan.

SOURCE: American journal of respiratory cell and molecular biology, (2002 Aug) 27 (2) 234-43.

Journal code: 8917225. ISSN: 1044-1549.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 200208

ENTRY DATE: Entered STN: 20020802

Last Updated on STN: 20020917

Entered Medline: 20020829

L8 ANSWER 67 OF 175 MEDLINE on STN DUPLICATE 37

ACCESSION NUMBER: 2002415478 MEDLINE Full-text

DOCUMENT NUMBER: PubMed ID: 12169272

TITLE: Lymphotoxin beta receptor induces interleukin 8 gene expression via NF-kappaB and AP-1 activation.

AUTHOR: Chang Ying-Hsin; Hsieh Shie-Liang; Chen Mei-Chieh; Lin Wan-Wan

CORPORATE SOURCE: Department of Pharmacology, College of Medicine, National Taiwan University, Taipei, Taiwan.

SOURCE: Experimental cell research, (2002 Aug 15) 278 (2) 166-74.

Journal code: 0373226. ISSN: 0014-4827.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 200209

ENTRY DATE: Entered STN: 20020810
Last Updated on STN: 20021002
Entered Medline: 20020913

L8 ANSWER 68 OF 175 MEDLINE on STN DUPLICATE 38
ACCESSION NUMBER: 2002055698 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 11781136
TITLE: Role of the amino-terminal domains of MEKKs in the
activation of NF kappa B and MAPK pathways and in the
regulation of cell proliferation and apoptosis.
AUTHOR: Bonvin Christelle; Guillon Audrey; van Bemmelen Miguel X;
Gerwins Par; Johnson Gary L; Widmann Christian
CORPORATE SOURCE: Institute of Cellular Biology and Morphology, Lausanne
University, Lausanne, Switzerland.
SOURCE: Cellular signalling, (2002 Feb) 14 (2) 123-31.
Journal code: 8904683. ISSN: 0898-6568.
PUB. COUNTRY: England: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200203
ENTRY DATE: Entered STN: 20020125
Last Updated on STN: 20020320
Entered Medline: 20020319

L8 ANSWER 69 OF 175 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2002:740407 CAPLUS Full-text
DOCUMENT NUMBER: 138:51102
TITLE: Methylpyridinium (MPP+)- and nerve growth
factor-induced changes in pro- and anti-apoptotic
signaling pathways in SH-SY5Y neuroblastoma cells
AUTHOR(S): Halvorsen, Erik M.; Dennis, Jameel; Keeney, Paula M.;
Sturgill, Thomas W.; Tuttle, Jeremy B.; Bennett, James
P.
CORPORATE SOURCE: Department of Pharmacology, University of Virginia
School of Medicine, Charlottesville, VA, 22908, USA
SOURCE: Brain Research (2002), 952(1), 98-110
CODEN: BRREAP; ISSN: 0006-8993
PUBLISHER: Elsevier Science B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 68 THERE ARE 68 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 70 OF 175 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN DUPLICATE
39
ACCESSION NUMBER: 2001-290412 [30] WPIDS Full-text
DOC. NO. CPI: C2001-088913
TITLE: Treatment or prevention of benign prostate hyperplasia
(BPH) comprises trans-urethral injection of
prostate-targeted, apoptosis-inducing, nucleic
acids.
DERWENT CLASS: B04 D16
INVENTOR(S): BRUDER, J T; CHEN, P; KING, C R; KIRKMAN, W M; KOVESDI,
I; RANSOM, S C; WICKHAM, T J
PATENT ASSIGNEE(S): (GENV-N) GENVEC INC
COUNTRY COUNT: 94
PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG

WO 2001021217	A2	20010329	(200130)*	EN	18
RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ					
NL OA PT SD SE SL SZ TZ UG ZW					
W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM					
DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC					
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE					
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW					
AU 2001010709	A	20010424	(200141)		

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE

WO 2001021217	A2	WO 2000-US26101	20000922

AU 2001010709 A

AU 2001-10709

20000922

FILING DETAILS:

PATENT NO	KIND	PATENT NO
AU 2001010709	A Based on	WO 2001021217

PRIORITY APPLN. INFO: US 2000-200618P 20000428; US
1999-155742P 19990923; US
1999-165318P 19991112; US
2000-180573P 20000204

L8 ANSWER 71 OF 175 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN

ACCESSION NUMBER: 2002-139712 [18] WPIDS Full-text

DOC. NO. CPI: C2002-043015

TITLE: New caspase-activated deoxyribonuclease (CAD) inhibitor
interacting with ASK1 (CIA) gene, useful for treating
degenerative diseases, cancer, immune disorders,
inflammation and apoptosis-related diseases.

DERWENT CLASS: B04 D16

INVENTOR(S): CHO, S G; CHOI, E J; JI, S U; KIM, J U; LEE, Y H; CHOI, U
J; JIH, S W; KIM, J W; CHI, S W; CHO, S; CHOI, EPATENT ASSIGNEE(S): (CHOI-I) CHOI E; (CHOI-I) CHOI E J; (KOED-N) KOREA CENT
EDUCATIONAL FOUND

COUNTRY COUNT: 93

PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
WO 2001096550	A1	20011220	(200218)*	EN	73
RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW					
W: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW					
AU 2000055753	A	20011224	(200227)		
KR 2001113088	A	20011228	(200240)		
KR 399982	B	20031113	(200423)		

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
WO 2001096550	A1	WO 2000-KR667	20000626
AU 2000055753	A	AU 2000-55753	20000626
KR 2001113088	A	KR 2000-33195	20000616
KR 399982	B	KR 2000-33195	20000616

FILING DETAILS:

PATENT NO	KIND	PATENT NO
AU 2000055753	A Based on	WO 2001096550
KR 399982	B Previous Publ.	KR 2001113088

PRIORITY APPLN. INFO: KR 2000-33195 20000616

L8 ANSWER 72 OF 175 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN

ACCESSION NUMBER: 2002-163179 [21] WPIDS Full-textCROSS REFERENCE: 1994-357747 [44]; 1998-311395 [27]; 1999-094912 [08];
1999-633328 [54]; 2000-411281 [35]

DOC. NO. CPI: C2002-050327

TITLE: New isolated nucleic acid encoding mitogen extracellular
signal-regulated kinase kinase, useful for gene therapy
of e.g. cancer and for recombinant protein production.

DERWENT CLASS: B04 D16

INVENTOR(S): JOHNSON, G L

PATENT ASSIGNEE(S): (NAJE-N) NAT JEWISH CENT IMMUNOLOGY & RESPIRATORY

COUNTRY COUNT: 1

PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
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APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
US 6333170	B1 CIP of	US 1993-49254	19930415
	CIP of	US 1994-323460	19941014
	CIP of	US 1995-440421	19950512
	CIP of	US 1995-472934	19950606
		US 1996-628829	19960405

FILING DETAILS:

PATENT NO	KIND	PATENT NO
US 6333170	B1 CIP of	US 5405941
	CIP of	US 5753446
	CIP of	US 5854043

PRIORITY APPLN. INFO: US 1996-628829 19960405; US
 1993-49254 19930415; US
 1994-323460 19941014; US
 1995-440421 19950512; US
 1995-472934 19950606

L8 ANSWER 73 OF 175 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS
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ACCESSION NUMBER: 2003457738 EMBASE Full-text
 TITLE: Differential Molecular Assemblies Underlie the Dual
 Function of Axin in Modulating the Wnt and JNK Pathways.
 AUTHOR: Zhang Y.; Qiu W.-J.; Liu D.-X.; Neo S.Y.; He X.; Lin S.-C.
 CORPORATE SOURCE: S.-C. Lin, Department of Biochemistry, Hong Kong Univ. of
 Sci. and Technol., Clear Water Bay, Kowloon, Singapore.
 SOURCE: linsc@ust.hk
 Journal of Biological Chemistry, (24 Aug 2001) 276/34
 (32152-32159).
 Refs: 57
 ISSN: 0021-9258 CODEN: JBCHA3
 COUNTRY: United States
 DOCUMENT TYPE: Journal; Article
 FILE SEGMENT: 029 Clinical Biochemistry
 LANGUAGE: English
 SUMMARY LANGUAGE: English

L8 ANSWER 74 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 2001:582482 SCISEARCH Full-text
 THE GENUINE ARTICLE: 454HJ
 TITLE: Role of receptor-interacting protein in tumor necrosis
 factor-alpha-dependent MEKK1 activation
 AUTHOR: Kim J W; Joe C O; Choi E J (Reprint)
 CORPORATE SOURCE: Korea Univ, Natl Creat Res Instiat Ctr Cell Death, Grad
 Sch Biotechnol, Seoul 156701, South Korea (Reprint); Korea
 Adv Inst Sci & Technol, Dept Biol Sci, Taejon 305701,
 South Korea
 COUNTRY OF AUTHOR: South Korea
 SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (20 JUL 2001) Vol. 276,
 No. 29, pp. 27064-27070.
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC,
 9650 ROCKVILLE PIKE, BETHESDA, MD 20814 USA.
 ISSN: 0021-9258.
 DOCUMENT TYPE: Article; Journal
 LANGUAGE: English
 REFERENCE COUNT: 50

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 75 OF 175 MEDLINE on STN DUPLICATE 40

ACCESSION NUMBER: 2001341565 MEDLINE Full-text
 DOCUMENT NUMBER: PubMed ID: 11278263
 TITLE: Protein kinase G activates the JNK1 pathway via
 phosphorylation of MEKK1.
 AUTHOR: Soh J W; Mao Y; Liu L; Thompson W J; Pamukcu R; Weinstein I
 B
 CORPORATE SOURCE: Department of Medicine, Herbert Irving Comprehensive Cancer
 Center, College of Physicians & Surgeons, Columbia

SOURCE: University, New York, New York 10032, USA.
Journal of biological chemistry, (2001 May 11) 276 (19)
16406-10.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200106
ENTRY DATE: Entered STN: 20010618
Last Updated on STN: 20030105
Entered Medline: 20010614

L8 ANSWER 76 OF 175 MEDLINE on STN DUPLICATE 41
ACCESSION NUMBER: 2001341558 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 11278389
TITLE: Stimulation of p300-mediated transcription by the kinase
MEKK1.
AUTHOR: See R H; Calvo D; Shi Y; Kawa H; Luke M P; Yuan Z; Shi Y
CORPORATE SOURCE: Department of Pathology, Harvard Medical School and
Department of Radiation Biology, Harvard School of Public
Health, Boston, Massachusetts 02115.
CONTRACT NUMBER: GM58012 (NIGMS)
SOURCE: Journal of biological chemistry, (2001 May 11) 276 (19)
16310-7.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200106
ENTRY DATE: Entered STN: 20010618
Last Updated on STN: 20030105
Entered Medline: 20010614

L8 ANSWER 77 OF 175 MEDLINE on STN DUPLICATE 42
ACCESSION NUMBER: 2001370802 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 11278782
TITLE: Both phosphorylation and caspase-mediated cleavage
contribute to regulation of the Ste20-like protein kinase
Mst1 during CD95/Fas-induced apoptosis.
AUTHOR: Graves J D; Draves K E; Gotoh Y; Krebs E G; Clark E A
CORPORATE SOURCE: Department of Immunology, University of Washington Medical
Center, Seattle, Washington 98195, USA..
jonjons@u.washington.edu
CONTRACT NUMBER: R01GM58487 (NIGMS)
R01AI44250 (NIAID)
SOURCE: Journal of biological chemistry, (2001 May 4) 276 (18)
14909-15.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200106
ENTRY DATE: Entered STN: 20010702
Last Updated on STN: 20030105
Entered Medline: 20010628

L8 ANSWER 78 OF 175 MEDLINE on STN DUPLICATE 43
ACCESSION NUMBER: 2001290720 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 11099494
TITLE: X protein of hepatitis B virus inhibits Fas-mediated
apoptosis and is associated with up-regulation of
the SAPK/JNK pathway.
AUTHOR: Dia0 J; Khine A A; Sarangi F; Hsu E; Iorio C; Tibbles L A;
Woodgett J R; Penninger J; Richardson C D
CORPORATE SOURCE: Department of Medical Biophysics, University of Toronto,
Toronto, Ontario M5G 2M9, Canada.
SOURCE: Journal of biological chemistry, (2001 Mar 16) 276 (11)
8328-40.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English

FILE SEGMENT: Priority Journals
ENTRY MONTH: 200106
ENTRY DATE: Entered STN: 20010625
Last Updated on STN: 20030105
Entered Medline: 20010621

L8 ANSWER 79 OF 175 MEDLINE on STN DUPLICATE 44
ACCESSION NUMBER: 2001539235 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 11585901
TITLE: MEKK1 is essential for DT40 cell
apoptosis in response to microtubule disruption.
AUTHOR: Kwan R; Burnside J; Kurosaki T; Cheng G
CORPORATE SOURCE: Molecular Biology Institute, University of California Los
Angeles, Los Angeles, California 90095-1781, USA.
CONTRACT NUMBER: CA09056 (NCI)
GM57559 (NIGMS)
SOURCE: Molecular and cellular biology, (2001 Nov) 21 (21) 7183-90.
Journal code: 8109087. ISSN: 0270-7306.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200112
ENTRY DATE: Entered STN: 20011008
Last Updated on STN: 20020420
Entered Medline: 20011204

L8 ANSWER 80 OF 175 MEDLINE on STN DUPLICATE 45
ACCESSION NUMBER: 2001441716 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 11487612
TITLE: A dominant negative inhibitor of the Egr family of
transcription regulatory factors suppresses cerebellar
granule cell apoptosis by blocking c-Jun
activation.
AUTHOR: Levkovitz Y; Baraban J M
CORPORATE SOURCE: Departments of Neuroscience, Psychiatry and Behavioral
Sciences, Johns Hopkins University School of Medicine,
Baltimore, Maryland 21205, USA.
SOURCE: Journal of neuroscience : official journal of the Society
for Neuroscience, (2001 Aug 15) 21 (16) 5893-901.
Journal code: 8102140. ISSN: 1529-2401.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200108
ENTRY DATE: Entered STN: 20010813
Last Updated on STN: 20020420
Entered Medline: 20010830

L8 ANSWER 81 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
ACCESSION NUMBER: 2001:649415 SCISEARCH Full-text
THE GENUINE ARTICLE: 460PR
TITLE: A dominant negative inhibitor of the Egr family of
transcription regulatory factors suppresses cerebellar
granule cell apoptosis by blocking c-Jun
activation
AUTHOR: Levkovitz Y; Baraban J M (Reprint)
CORPORATE SOURCE: Johns Hopkins Univ, Sch Med, Dept Neurosci, 725 N Wolfe
St, Baltimore, MD 21205 USA (Reprint); Johns Hopkins Univ,
Sch Med, Dept Neurosci, Baltimore, MD 21205 USA; Johns
Hopkins Univ, Sch Med, Dept Psychiat, Baltimore, MD 21205
USA; Johns Hopkins Univ, Sch Med, Dept Behav Sci,
Baltimore, MD 21205 USA
COUNTRY OF AUTHOR: USA
SOURCE: JOURNAL OF NEUROSCIENCE, (15 AUG 2001) Vol. 21, No. 16,
pp. 5893-5901.
Publisher: SOC NEUROSCIENCE, 11 DUPONT CIRCLE, NW, STE
500, WASHINGTON, DC 20036 USA.
ISSN: 0270-6474.
DOCUMENT TYPE: Article; Journal
LANGUAGE: English
REFERENCE COUNT: 44
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 82 OF 175 MEDLINE on STN DUPLICATE 46
 ACCESSION NUMBER: 2001316299 MEDLINE Full-text
 DOCUMENT NUMBER: PubMed ID: 11389085
 TITLE: Nuclear factor-kappaB is constitutively active in C-cell carcinoma and required for RET-induced transformation.
 AUTHOR: Ludwig L; Kessler H; Wagner M; Hoang-Vu C; Dralle H; Adler G; Bohm B O; Schmid R M
 CORPORATE SOURCE: Department of Internal Medicine I, University of Ulm, Robert-Koch-Street 8, D-89081 Ulm, Germany.
 SOURCE: Cancer research, (2001 Jun 1) 61 (11) 4526-35.
 Journal code: 2984705R. ISSN: 0008-5472.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200106
 ENTRY DATE: Entered STN: 20010625
 Last Updated on STN: 20020919
 Entered Medline: 20010621

L8 ANSWER 83 OF 175 MEDLINE on STN DUPLICATE 47
 ACCESSION NUMBER: 2001371143 MEDLINE Full-text
 DOCUMENT NUMBER: PubMed ID: 11340162
 TITLE: Cisplatin induces the proapoptotic conformation of Bak in a deltaMEKK1-dependent manner.
 AUTHOR: Mandic A; Viktorsson K; Molin M; Akusjarvi G; Eguchi H; Hayashi S I; Toi M; Hansson J; Linder S; Shoshan M C
 CORPORATE SOURCE: Radiumhemmet's Research Laboratory, Cancer Center Karolinska, Department of Oncology-Pathology, Karolinska Institute, S-171 76 Stockholm, Sweden.
 SOURCE: Molecular and cellular biology, (2001 Jun) 21 (11) 3684-91.
 Journal code: 8109087. ISSN: 0270-7306.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200106
 ENTRY DATE: Entered STN: 20010702
 Last Updated on STN: 20020420
 Entered Medline: 20010628

L8 ANSWER 84 OF 175 MEDLINE on STN DUPLICATE 48
 ACCESSION NUMBER: 2001202872 MEDLINE Full-text
 DOCUMENT NUMBER: PubMed ID: 11053415
 TITLE: Tumor necrosis factor-alpha activation of the c-Jun N-terminal kinase pathway in human neutrophils. Integrin involvement in a pathway leading from cytoplasmic tyrosine kinases apoptosis.
 AUTHOR: Avdi N J; Nick J A; Whitlock B B; Billstrom M A; Henson P M; Johnson G L; Worthen G S
 CORPORATE SOURCE: Department of Medicine, National Jewish Medical and Research Center, University of Colorado School of Medicine, Denver, Colorado 80206, USA.
 CONTRACT NUMBER: HL13403 (NHLBI)
 HL40784 (NHLBI)
 HL61407 (NHLBI)
 SOURCE: Journal of biological chemistry, (2001 Jan 19) 276 (3) 2189-99.
 Journal code: 2985121R. ISSN: 0021-9258.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200104
 ENTRY DATE: Entered STN: 20010417
 Last Updated on STN: 20030105
 Entered Medline: 20010412

L8 ANSWER 85 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 ACCESSION NUMBER: 2001:218777 SCISEARCH Full-text
 THE GENUINE ARTICLE: 407DD
 TITLE: Inhibition of extracellular signal-regulated kinase (ERK) mediates cell cycle phase independent apoptosis in vinblastine-treated ML-1 cells
 AUTHOR: Stadheim T A; Xiao H; Eastman A (Reprint)

CORPORATE SOURCE: Dartmouth Med Sch, Dept Pharmacol & Toxicol, Hanover, NH
03755 USA (Reprint)
COUNTRY OF AUTHOR: USA
SOURCE: CANCER RESEARCH, (15 FEB 2001) Vol. 61, No. 4, pp.
1533-1540.
Publisher: AMER ASSOC CANCER RESEARCH, PO BOX 11806,
BIRMINGHAM, AL 35202 USA.
ISSN: 0008-5472.
DOCUMENT TYPE: Article; Journal
LANGUAGE: English
REFERENCE COUNT: 46
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 86 OF 175 MEDLINE on STN DUPLICATE 49
ACCESSION NUMBER: 2001342052 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 11375350
TITLE: Phosphorylation of p38 mitogen-activated protein kinase
downstream of bax-caspase-3 pathway leads to cell death
induced by high D-glucose in human endothelial cells.
AUTHOR: Nakagami H; Morishita R; Yamamoto K; Yoshimura S I;
Taniyama Y; Aoki M; Matsubara H; Kim S; Kaneda Y; Ogiwara T
CORPORATE SOURCE: Department of Geriatric Medicine, Osaka University Medical
School, Yamada-oka, Suita, Osaka, Japan.
SOURCE: Diabetes, (2001 Jun) 50 (6) 1472-81.
Journal code: 0372763. ISSN: 0012-1797.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals
ENTRY MONTH: 200106
ENTRY DATE: Entered STN: 20010702
Last Updated on STN: 20010702
Entered Medline: 20010628

L8 ANSWER 87 OF 175 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
ACCESSION NUMBER: 2001:532880 BIOSIS Full-text
DOCUMENT NUMBER: PREV200100532880
TITLE: A dominant negative inhibitor of the Egr family of
transcription regulatory factors suppresses cerebellar
granule cell apoptosis by blocking c-Jun
activation.
AUTHOR(S): Levkovitz, Y. [Reprint author]; Baraban, J. M. [Reprint
author]
CORPORATE SOURCE: Departments of Neuroscience, Johns Hopkins University
School of Medicine, Baltimore, MD, USA
SOURCE: Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1,
pp. 1298. print.
Meeting Info.: 31st Annual Meeting of the Society for
Neuroscience. San Diego, California, USA. November 10-15,
2001.
ISSN: 0190-5295.
DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LANGUAGE: English
ENTRY DATE: Entered STN: 14 Nov 2001
Last Updated on STN: 23 Feb 2002

L8 ANSWER 88 OF 175 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
ACCESSION NUMBER: 2001:245172 BIOSIS Full-text
DOCUMENT NUMBER: PREV200100245172
TITLE: PKC-dependent JNK activation by phorbol ester is regulated
by a Ras- and/or a Rac1-mediated signal transduction
pathways.
AUTHOR(S): Xiao, Lei [Reprint author]; Lang, Wenhua [Reprint author];
Wang, Heiman [Reprint author]
CORPORATE SOURCE: Shands Cancer Center, University of Florida, Gainesville,
FL, 32610-0232, USA
SOURCE: FASEB Journal, (March 8, 2001) Vol. 15, No. 5, pp. A904.
print.
Meeting Info.: Annual Meeting of the Federation of American
Societies for Experimental Biology on Experimental Biology
2001. Orlando, Florida, USA. March 31-April 04, 2001.
CODEN: FAJOEC. ISSN: 0892-6638.
DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)

LANGUAGE: English
ENTRY DATE: Entered STN: 23 May 2001
Last Updated on STN: 19 Feb 2002

L8 ANSWER 89 OF 175 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2001:322613 CAPLUS Full-text
DOCUMENT NUMBER: 135:72815
TITLE: Negative regulation of the SAPK/JNK signaling pathway
by presenilin 1
AUTHOR(S): Kim, Jin Woo; Chang, Tong-Shin; Lee, Ji Eun; Huh,
Sung-Ho; Yeon, Seung Woo; Yang, Wan Seok; Joe, Cheol
O.; Mook-Jung, Inhee; Tanzi, Rudolph E.; Kim, Tae-Wan;
Choi, Eui-Ju
CORPORATE SOURCE: National Creative Research Initiative Center for Cell
Death, Graduate School of Biotechnology, Korea
University, Seoul, 136-701, S. Korea
SOURCE: Journal of Cell Biology (2001), 153(3), 457-463
CODEN: JCLBA3; ISSN: 0021-9525
PUBLISHER: Rockefeller University Press
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 90 OF 175 MEDLINE on STN DUPLICATE 50
ACCESSION NUMBER: 2001157124 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 11157751
TITLE: Hsp72 functions as a natural inhibitory protein of c-Jun
N-terminal kinase.
AUTHOR: Park H S; Lee J S; Huh S H; Seo J S; Choi E J
CORPORATE SOURCE: National Creative Research Initiative Center for Cell
Death, Graduate School of Biotechnology, Korea University,
Seoul 136-701 Korea.
SOURCE: EMBO journal, (2001 Feb 1) 20 (3) 446-56.
Journal code: 8208664. ISSN: 0261-4189.
PUB. COUNTRY: England: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200103
ENTRY DATE: Entered STN: 20010404
Last Updated on STN: 20020420
Entered Medline: 20010322

L8 ANSWER 91 OF 175 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
ACCESSION NUMBER: 2001:458715 BIOSIS Full-text
DOCUMENT NUMBER: PREV200100458715
TITLE: Activation of nuclear factor-kappaB signaling transduction
pathway may contribute to the mediation of
paclitaxel-induced apoptosis in solid tumor
cells.
AUTHOR(S): Huang, Yi [Reprint author]; Norris, James Scott [Reprint
author]; Fan, Weimin [Reprint author]
CORPORATE SOURCE: Medical University of South Carolina, Charleston, SC, USA
SOURCE: Proceedings of the American Association for Cancer Research
Annual Meeting, (March, 2001) Vol. 42, pp. 439. print.
Meeting Info.: 92nd Annual Meeting of the American
Association for Cancer Research. New Orleans, LA, USA.
March 24-28, 2001.
ISSN: 0197-016X.
DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LANGUAGE: English
ENTRY DATE: Entered STN: 26 Sep 2001
Last Updated on STN: 22 Feb 2002

L8 ANSWER 92 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
ACCESSION NUMBER: 2001:326096 SCISEARCH Full-text
THE GENUINE ARTICLE: 420QL
TITLE: Expression of JNK cascade scaffold protein JSAP1 in the
mouse nervous system
AUTHOR: Akechi M; Ito M (Reprint); Uemura K; Takamatsu N;
Yamashita S; Uchiyama K; Yoshioka K; Shiba T
CORPORATE SOURCE: Kitasato Univ, Sch Sci, Dept Biosci, 1-15-1 Kitasato,
Kanagawa 2288555, Japan (Reprint); Kitasato Univ, Sch Sci,

Dept Biosci, Kanagawa 2288555, Japan; Nippon Suisan Kaisha
Ltd, Cent Res Lab, Tokyo 1920906, Japan; Kanazawa Univ,
Canc Res Inst, Dept Mol Pathol, Kanazawa, Ishikawa
9200934, Japan

COUNTRY OF AUTHOR: Japan
SOURCE: NEUROSCIENCE RESEARCH, (APR 2001) Vol. 39, No. 4, pp.
391-400.
Publisher: ELSEVIER SCI IRELAND LTD, CUSTOMER RELATIONS
MANAGER, BAY 15, SHANNON INDUSTRIAL ESTATE CO, CLARE,
IRELAND.
ISSN: 0168-0102.
DOCUMENT TYPE: Article; Journal
LANGUAGE: English
REFERENCE COUNT: 42

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 93 OF 175 MEDLINE on STN DUPLICATE 51
ACCESSION NUMBER: 2001226346 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 11179198
TITLE: Cytoprotection by Jun kinase during nitric oxide-induced
cardiac myocyte apoptosis.
AUTHOR: Andreka P; Zang J; Dougherty C; Slepak T I; Webster K A;
Bishopric N H
CORPORATE SOURCE: Department of Molecular and Cellular Pharmacology,
University of Miami, FL, USA.
CONTRACT NUMBER: HL44578 (NHLBI)
SOURCE: Circulation research, (2001 Feb 16) 88 (3) 305-12.
Journal code: 0047103. ISSN: 1524-4571.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200104
ENTRY DATE: Entered STN: 20010502
Last Updated on STN: 20020420
Entered Medline: 20010426

L8 ANSWER 94 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
ACCESSION NUMBER: 2001:254090 SCISEARCH Full-text
THE GENUINE ARTICLE: 412PC
TITLE: Cytoprotection by Jun kinase during nitric oxide-induced
cardiac myocyte apoptosis
AUTHOR: Andreka P; Zang J; Dougherty C; Slepak T I; Webster K A;
Bishopric N H (Reprint)
CORPORATE SOURCE: Univ Miami, Sch Med, Dept Mol & Cellular Pharmacol, RMSB
6038, 1600 NW 10th Ave, Miami, FL 33136 USA (Reprint);
Univ Miami, Sch Med, Dept Mol & Cellular Pharmacol, Miami,
FL 33136 USA
COUNTRY OF AUTHOR: USA
SOURCE: CIRCULATION RESEARCH, (16 FEB 2001) Vol. 88, No. 3, pp.
305-312.
Publisher: LIPPINCOTT WILLIAMS & WILKINS, 530 WALNUT ST,
PHILADELPHIA, PA 19106-3621 USA.
ISSN: 0009-7330.
DOCUMENT TYPE: Article; Journal
LANGUAGE: English
REFERENCE COUNT: 48

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 95 OF 175 MEDLINE on STN DUPLICATE 52
ACCESSION NUMBER: 2001548813 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 11594795
TITLE: A20 inhibits NF-kappa B activation downstream of multiple
Map3 kinases and interacts with the I kappa B signalosome.
AUTHOR: Zetoune F S; Murthy A R; Shao Z; Hlaing T; Zeidler M G; Li
Y; Vincenz C
CORPORATE SOURCE: Department of Pathology, University of Michigan Medical
School, Ann Arbor, Michigan 48109, USA.
CONTRACT NUMBER: CA-61348 (NCI)
HD-33881 (NICHD)
SOURCE: Cytokine, (2001 Sep 21) 15 (6) 282-98.
Journal code: 9005353. ISSN: 1043-4666.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English

FILE SEGMENT: Priority Journals
ENTRY MONTH: 200201
ENTRY DATE: Entered STN: 20011015
Last Updated on STN: 20020125
Entered Medline: 20020122

L8 ANSWER 96 OF 175 MEDLINE on STN DUPLICATE 53
ACCESSION NUMBER: 2002324593 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 12067067
TITLE: Proteolytic cleavage of molecules involved in cell death or survival pathways: a role in the control of apoptosis?
AUTHOR: Karran L; Dyer M J
CORPORATE SOURCE: Department of Pathology, Leicester Royal Infirmary, United Kingdom.. elk5@le.ac.uk
SOURCE: Critical reviews in eukaryotic gene expression, (2001) 11 (4) 269-77. Ref: 46
Journal code: 9007261. ISSN: 1045-4403.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200207
ENTRY DATE: Entered STN: 20020618
Last Updated on STN: 20020718
Entered Medline: 20020717

L8 ANSWER 97 OF 175 MEDLINE on STN DUPLICATE 54
ACCESSION NUMBER: 2001178541 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 11160861
TITLE: Involvement of Asp-Glu-Val-Asp-directed, caspase-mediated mitogen-activated protein kinase kinase 1 Cleavage, c-Jun N-terminal kinase activation, and subsequent Bcl-2 phosphorylation for paclitaxel-induced apoptosis in HL-60 cells.
AUTHOR: Shiah S G; Chuang S E; Kuo M L
CORPORATE SOURCE: Laboratory of Molecular and Cellular Toxicology, Institute of Toxicology, College of Medicine, National Taiwan University, Taipei, Taiwan.
SOURCE: Molecular pharmacology, (2001 Feb) 59 (2) 254-62.
Journal code: 0035623. ISSN: 0026-895X.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200103
ENTRY DATE: Entered STN: 20010404
Last Updated on STN: 20020420
Entered Medline: 20010329

L8 ANSWER 98 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
ACCESSION NUMBER: 2001:297998 SCISEARCH Full-text
THE GENUINE ARTICLE: 417GB
TITLE: Alternative activation of extracellular signal-regulated protein kinases in curcumin and arsenite-induced HSP70 gene expression in human colorectal carcinoma cells
AUTHOR: Chen Y C (Reprint); Tsai S H; Shen S C; Lin J K; Lee W R
CORPORATE SOURCE: Taipei Med Coll, Grad Inst Pharmacognosy, 250 Wu Hsing St, Taipei, Taiwan (Reprint); Taipei Med Univ, Grad Inst Pharmacognosy, Taipei, Taiwan; Natl Taiwan Univ, Coll Med, Inst Biochem, Taipei 10018, Taiwan; Taipei Med Univ, Sch Med, Dept Dermatol, Taipei, Taiwan; Taipei Med Univ Hosp, Dept Dermatol, Taipei, Taiwan
COUNTRY OF AUTHOR: Taiwan
SOURCE: EUROPEAN JOURNAL OF CELL BIOLOGY, (MAR 2001) Vol. 80, No. 3, pp. 213-221.
Publisher: URBAN & FISCHER VERLAG, BRANCH OFFICE JENA, P O BOX 100537, D-07705 JENA, GERMANY.
ISSN: 0171-9335.
DOCUMENT TYPE: Article; Journal
LANGUAGE: English
REFERENCE COUNT: 52
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 99 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 2001:355249 SCISEARCH Full-text

THE GENUINE ARTICLE: 424YW

TITLE: c-JUN gene induction and AP-1 activity is regulated by a JNK-dependent pathway in hypoxic HepG2 cells

AUTHOR: Minet E; Michel G; Mottet D; Piret J P; Barbieux A; Raes M; Michiels C (Reprint)

CORPORATE SOURCE: Fac Univ Notre Dame Paix, Lab Biochim & Biol Cellulaire, 61 Rue Bruxelles, B-5000 Namur, Belgium (Reprint); Fac Univ Notre Dame Paix, Lab Biochim & Biol Cellulaire, B-5000 Namur, Belgium

COUNTRY OF AUTHOR: Belgium

SOURCE: EXPERIMENTAL CELL RESEARCH, (15 APR 2001) Vol. 265, No. 1, pp. 114-124.

Publisher: ACADEMIC PRESS INC, 525 B ST, STE 1900, SAN DIEGO, CA 92101-4495 USA.

ISSN: 0014-4827.

DOCUMENT TYPE: Article; Journal

LANGUAGE: English

REFERENCE COUNT: 42

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 100 OF 175 MEDLINE on STN DUPLICATE 55

ACCESSION NUMBER: 2001574643 MEDLINE Full-text

DOCUMENT NUMBER: PubMed ID: 11682062

TITLE: Cycloprodigiosin hydrochloride suppresses tumor necrosis factor (TNF) alpha-induced transcriptional activation by NF-kappaB.

AUTHOR: Kamata K; Okamoto S; Oka S; Kamata H; Yagisawa H; Hirata H

CORPORATE SOURCE: Department of Life Science, Faculty of Science, Himeji Institute of Technology, kamigori-chou, Akoh-gun, 678-1297, Hyogo, Japan.

SOURCE: FEBS letters, (2001 Oct 19) 507 (1) 74-80.

Journal code: 0155157. ISSN: 0014-5793.

PUB. COUNTRY: Netherlands

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 200112

ENTRY DATE: Entered STN: 20011030

Last Updated on STN: 20020420

Entered Medline: 20011207

L8 ANSWER 101 OF 175 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:293122 CAPLUS Full-text

DOCUMENT NUMBER: 135:355993

TITLE: Abnormal NF-kB signaling pathway with enhanced susceptibility to apoptosis in immortalized keratinocytes

AUTHOR(S): Chaturvedi, V.; Qin, J.-Z.; Denning, M. F.; Choubey, D.; Diaz, M. O.; Nickoloff, B. J.

CORPORATE SOURCE: Skin Cancer Research Laboratories, Department of Pathology, Loyola University Medical Center, Cardinal Bernardin Center, Maywood, IL, 60153, USA

SOURCE: Journal of Dermatological Science (2001), 26(1), 67-78

CODEN: JDSCEI; ISSN: 0923-1811

PUBLISHER: Elsevier Science Ireland Ltd.

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 102 OF 175 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

ACCESSION NUMBER: 2002:263716 BIOSIS Full-text

DOCUMENT NUMBER: PREV200200263716

TITLE: The apoptosome is a target of Jun kinase in nitric oxide-induced cardiac myocyte apoptosis.

AUTHOR(S): Andreka, Peter [Reprint author]; Dougherty, Christopher [Reprint author]; Slepak, Tatiana I. [Reprint author]; Webster, Keith A. [Reprint author]; Bishopric, Nanette H. [Reprint author]

CORPORATE SOURCE: Univ of Miami Sch of Med, Miami, FL, USA

SOURCE: Circulation, (October 23, 2001) Vol. 104, No. 17 Supplement, pp. II.142. print.

Meeting Info.: Scientific Sessions 2001 of the American Heart Association. Anaheim, California, USA. November 11-14, 2001. American Heart Association.
CODEN: CIRCAZ. ISSN: 0009-7322.

DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LANGUAGE: English
ENTRY DATE: Entered STN: 1 May 2002
Last Updated on STN: 1 May 2002

L8 ANSWER 103 OF 175 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

ACCESSION NUMBER: 2000:179131 BIOSIS Full-text

DOCUMENT NUMBER: PREV200000179131

TITLE: The gene MAPK8IP1, encoding islet-brain-1, is a candidate for type 2 diabetes.

AUTHOR(S): Waeber, Gerard [Reprint author]; Delplanque, Jerome; Bonny, Christophe; Mooser, Vincent; Steinmann, Myriam; Widmann, Christian; Maillard, Anne; Miklossy, Judith; Dina, Christian; Hani, El Habib; Vionnet, Nathalie; Nicod, Pascal; Boutin, Philippe; Froguel, Philippe

CORPORATE SOURCE: Department of Internal Medicine, CHUV-University Hospital, Lausanne, Switzerland

SOURCE: Nature Genetics, (March, 2000) Vol. 24, No. 3, pp. 291-295. print.
ISSN: 1061-4036.

DOCUMENT TYPE: Letter
LANGUAGE: English
ENTRY DATE: Entered STN: 11 May 2000
Last Updated on STN: 4 Jan 2002

L8 ANSWER 104 OF 175 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN DUPLICATE
56

ACCESSION NUMBER: 2000-195102 [17] WPIDS Full-text

DOC. NO. NON-CPI: N2000-144378

DOC. NO. CPI: C2000-060432

TITLE: New MEK kinase interacting forkhead associated protein (MIF1) useful to treat or diagnose, e.g. inflammation and tumors, and to identify its specific modulators, to regulate MEK kinase activity.

DERWENT CLASS: B04 D16 S03

INVENTOR(S): MARCIREAU, C; MULTON, M; POLARD-HOUSSET, V

PATENT ASSIGNEE(S): (AVET) AVENTIS PHARMA SA; (RHON) RHONE-POULENC RORER SA

COUNTRY COUNT: 78

PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
WO 2000005362	A1	20000203	(200017)*	EN	78
RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL					
OA PT SD SE SL SZ UG ZW					
W: AE AL AU BA BB BG BR CA CN CU CZ GD GE HR HU ID IL IN IS JP KP KR					
LC LK LR LT LV MG MK MN MX NO NZ PL RO RU SG SI SK SL TR TT UA US					
UZ VN YU ZA					
AU 9955057	A	20000214	(200029)		
EP 1100913	A1	20010523	(200130)	EN	
R: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT					
RO SE SI					
JP 2002524026	W	20020806	(200266)	107	
AU 764094	B	20030807	(200362)		

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
WO 2000005362	A1	WO 1999-EP5142	19990721
AU 9955057	A	AU 1999-55057	19990721
EP 1100913	A1	EP 1999-941444	19990721
		WO 1999-EP5142	19990721
JP 2002524026	W	WO 1999-EP5142	19990721
		JP 2000-561308	19990721
AU 764094	B	AU 1999-55057	19990721

FILING DETAILS:

PATENT NO	KIND	PATENT NO
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AU 9955057	A Based on	WO 2000005362
EP 1100913	A1 Based on	WO 2000005362
JP 2002524026	W Based on	WO 2000005362
AU 764094	B Previous Publ. Based on	AU 9955057 WO 2000005362

PRIORITY APPLN. INFO: US 1998-93590P 19980721

L8 ANSWER 105 OF 175 MEDLINE on STN DUPLICATE 57

ACCESSION NUMBER: 2001098470 MEDLINE Full-text

DOCUMENT NUMBER: PubMed ID: 10986282

TITLE: Activation of mitogen-activated protein kinase pathways induces antioxidant response element-mediated gene expression via a Nrf2-dependent mechanism.

AUTHOR: Yu R; Chen C; Mo Y Y; Hebbar V; Owuor E D; Tan T H; Kong A N

CORPORATE SOURCE: Department of Pharmaceutics and Pharmacodynamics and Center for Pharmaceutical Biotechnology, College of Pharmacy, University of Illinois, Chicago, Illinois 60612, USA.

CONTRACT NUMBER: R01AI38649 (NIAID)
R01AI42532 (NIAID)
R01CA73647 (NCI)

SOURCE: Journal of biological chemistry, (2000 Dec 22) 275 (51) 39907-13.
Journal code: 2985121R. ISSN: 0021-9258.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 200102

ENTRY DATE: Entered STN: 20010322
Last Updated on STN: 20010322
Entered Medline: 20010201

L8 ANSWER 106 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 2000:896939 SCISEARCH Full-text

THE GENUINE ARTICLE: 375VW

TITLE: Ceramide directly activates protein kinase C zeta to regulate a stress-activated protein kinase signaling complex

AUTHOR: Bourbon N A; Yun J; Kester M (Reprint)

CORPORATE SOURCE: PENN STATE UNIV, MILTON S HERSHEY MED CTR, DEPT PHARMACOL, COLL MED, POB 850, HERSHEY, PA 17033 (Reprint); PENN STATE UNIV, MILTON S HERSHEY MED CTR, DEPT PHARMACOL, COLL MED, HERSHEY, PA 17033

COUNTRY OF AUTHOR: USA

SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (10 NOV 2000) Vol. 275, No. 45, pp. 35617-35623.
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814.
ISSN: 0021-9258.

DOCUMENT TYPE: Article; Journal

FILE SEGMENT: LIFE

LANGUAGE: English

REFERENCE COUNT: 42

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 107 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN DUPLICATE 58

ACCESSION NUMBER: 2000:433368 SCISEARCH Full-text

THE GENUINE ARTICLE: 320FY

TITLE: IB1 reduces cytokine-induced apoptosis of insulin-secreting cells

AUTHOR: Bonny C (Reprint); Oberson A; Steinmann M; Schorderet D F; Nicod P; Waeber G

CORPORATE SOURCE: CHUV UNIV HOSP, DIV MED GENET, CH-1011 LAUSANNE, SWITZERLAND (Reprint); CHUV UNIV HOSP, DEPT INTERNAL MED, CH-1011 LAUSANNE, SWITZERLAND

COUNTRY OF AUTHOR: SWITZERLAND

SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (2 JUN 2000) Vol. 275, No. 22, pp. 16466-16472.
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814.
ISSN: 0021-9258.

DOCUMENT TYPE: Article; Journal
FILE SEGMENT: LIFE
LANGUAGE: English
REFERENCE COUNT: 42
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 108 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN DUPLICATE 59

ACCESSION NUMBER: 2000:378639 SCISEARCH Full-text
THE GENUINE ARTICLE: 313NZ
TITLE: Analysis of domains in the IKK alpha and IKK beta proteins that regulate their kinase activity
AUTHOR: Kwak Y T; Guo J; Shen J; Gaynor R B (Reprint)
CORPORATE SOURCE: UNIV TEXAS, SW MED CTR, DEPT MED, DIV HEMATOL ONCOL, 5323 HARRY HINES BLVD, DALLAS, TX 75235 (Reprint); UNIV TEXAS, SW MED CTR, DEPT MED, DIV HEMATOL ONCOL, DALLAS, TX 75235
COUNTRY OF AUTHOR: USA
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (12 MAY 2000) Vol. 275, No. 19, pp. 14752-14759.
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814.
ISSN: 0021-9258.
DOCUMENT TYPE: Article; Journal
FILE SEGMENT: LIFE
LANGUAGE: English
REFERENCE COUNT: 47

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 109 OF 175 MEDLINE on STN DUPLICATE 60

ACCESSION NUMBER: 2000261528 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 10799486
TITLE: Rb protein down-regulates the stress-activated signals through inhibiting c-Jun N-terminal kinase/stress-activated protein kinase.
AUTHOR: Shim J; Park H S; Kim M J; Park J; Park E; Cho S G; Eom S J; Lee H W; Joe C O; Choi E J
CORPORATE SOURCE: National Creative Research Initiative Center for Cell Death, Graduate School of Biotechnology, Korea University, Seoul, 136-701, Korea.
SOURCE: Journal of biological chemistry, (2000 May 12) 275 (19) 14107-11.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200006
ENTRY DATE: Entered STN: 20000616
Last Updated on STN: 20000616
Entered Medline: 20000608

L8 ANSWER 110 OF 175 MEDLINE on STN DUPLICATE 61

ACCESSION NUMBER: 2000200458 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 10734112
TITLE: Activation of p38 and c-Jun N-terminal kinase pathways and induction of apoptosis by chelerythrine do not require inhibition of protein kinase C.
AUTHOR: Yu R; Mandlekar S; Tan T H; Kong A N
CORPORATE SOURCE: Department of Pharmaceuticals and Pharmacodynamics, Center for Pharmaceutical Biotechnology, College of Pharmacy, University of Illinois, Chicago, Illinois 60612, USA.
CONTRACT NUMBER: R01-AI38649 (NIAID)
R01-CA73647 (NCI)
SOURCE: Journal of biological chemistry, (2000 Mar 31) 275 (13) 9612-9.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200005
ENTRY DATE: Entered STN: 20000512
Last Updated on STN: 20000512
Entered Medline: 20000504

L8 ANSWER 111 OF 175 MEDLINE on STN DUPLICATE 62

ACCESSION NUMBER: 2001015942 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 11003676
TITLE: A novel AP-1 element in the CD95 ligand promoter is required for induction of apoptosis in hepatocellular carcinoma cells upon treatment with anticancer drugs.
AUTHOR: Eichhorst S T; Muller M; Li-Weber M; Schulze-Bergkamen H; Angel P; Krammer P H
CORPORATE SOURCE: Tumor Immunology Program, 69120 Heidelberg, Germany.
SOURCE: Molecular and cellular biology, (2000 Oct) 20 (20) 7826-37. Journal code: 8109087. ISSN: 0270-7306.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200010
ENTRY DATE: Entered STN: 20010322
Last Updated on STN: 20010322
Entered Medline: 20001030

L8 ANSWER 112 OF 175 MEDLINE on STN DUPLICATE 63

ACCESSION NUMBER: 2000388509 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 10891478
TITLE: Role for Lyn tyrosine kinase as a regulator of stress-activated protein kinase activity in response to DNA damage.
AUTHOR: Yoshida K; Weichselbaum R; Kharbanda S; Kufe D
CORPORATE SOURCE: Dana-Farber Cancer Institute, Harvard Medical School, Boston, Massachusetts 02115, USA.
CONTRACT NUMBER: CA29431 (NCI)
CA55241 (NCI)
CA75216 (NCI)
SOURCE: Molecular and cellular biology, (2000 Aug) 20 (15) 5370-80. Journal code: 8109087. ISSN: 0270-7306.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200008
ENTRY DATE: Entered STN: 20000818
Last Updated on STN: 20020420
Entered Medline: 20000810

L8 ANSWER 113 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 2000:774508 SCISEARCH Full-text
THE GENUINE ARTICLE: 362BK
TITLE: Accumulation of RXR alpha during activation of cycling human T lymphocytes: Modulation of RXRE transactivation function by mitogen-activated protein kinase pathways
AUTHOR: Ishaq M (Reprint); Fan M; Natarajan V
CORPORATE SOURCE: SCI APPLICAT INT CORP, NCI, FREDERICK CANC RES & DEV CTR, MOL CELL BIOL LAB, BLDG 550, ROOM 104, FREDERICK, MD 21702 (Reprint)
COUNTRY OF AUTHOR: USA
SOURCE: JOURNAL OF IMMUNOLOGY, (15 OCT 2000) Vol. 165, No. 8, pp. 4217-4225. Publisher: AMER ASSOC IMMUNOLOGISTS, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814. ISSN: 0022-1767.
DOCUMENT TYPE: Article; Journal
FILE SEGMENT: LIFE
LANGUAGE: English
REFERENCE COUNT: 55
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 114 OF 175 MEDLINE on STN DUPLICATE 64

ACCESSION NUMBER: 2000502824 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 11051267
TITLE: Cyclic GMP mediates apoptosis induced by sulindac derivatives via activation of c-Jun NH2-terminal kinase 1.
COMMENT: Erratum in: Clin Cancer Res 2000 Dec;6(12):4967
AUTHOR: Soh J W; Mao Y; Kim M G; Pamukcu R; Li H; Piazza G A; Thompson W J; Weinstein I B
CORPORATE SOURCE: Department of Medicine and Herbert Irving Comprehensive

Cancer Center, College of Physicians and Surgeons, Columbia University, New York, New York 10032, USA.
SOURCE: Clinical cancer research : an official journal of the American Association for Cancer Research, (2000 Oct) 6 (10) 4136-41.
Journal code: 9502500. ISSN: 1078-0432.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200103
ENTRY DATE: Entered STN: 20010404
Last Updated on STN: 20020420
Entered Medline: 20010322

L8 ANSWER 115 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 2000:233134 SCISEARCH Full-text

THE GENUINE ARTICLE: 295DL

TITLE: Interaction among mitochondria, mitogen-activated protein kinases, and nuclear factor-kappa B in cellular models of Parkinson's disease

AUTHOR: Cassarino D S; Halvorsen E M; Swerdlow R H; Abramova N N; Parker W D; Sturgill T W; Bennett J P (Reprint)

CORPORATE SOURCE: UNIV VIRGINIA, HLTH SCI CTR, DEPT NEUROL, BOX 394, CHARLOTTESVILLE, VA 22908 (Reprint); UNIV VIRGINIA, HLTH SCI CTR, DEPT NEUROL, CHARLOTTESVILLE, VA 22908; UNIV VIRGINIA, HLTH SCI CTR, CTR STUDY NEUORDEGENERAT DIS, CHARLOTTESVILLE, VA 22908; UNIV VIRGINIA, HLTH SCI CTR, MARKEY CTR CELL SIGNALING, CHARLOTTESVILLE, VA 22908; UNIV VIRGINIA, HLTH SCI CTR, DEPT PHARMACOL, CHARLOTTESVILLE, VA 22908; UNIV VIRGINIA, HLTH SCI CTR, DEPT BEHAV MED, CHARLOTTESVILLE, VA 22908; UNIV VIRGINIA, HLTH SCI CTR, DEPT INTERNAL MED, CHARLOTTESVILLE, VA 22908; UNIV VIRGINIA, HLTH SCI CTR, HOWARD HUGHES MED INST, CHARLOTTESVILLE, VA 22908

COUNTRY OF AUTHOR: USA

SOURCE: JOURNAL OF NEUROCHEMISTRY, (APR 2000) Vol. 74, No. 4, pp. 1384-1392.

Publisher: LIPPINCOTT WILLIAMS & WILKINS, 530 WALNUT ST, PHILADELPHIA, PA 19106-3621.

ISSN: 0022-3042.

DOCUMENT TYPE: Article; Journal

FILE SEGMENT: LIFE

LANGUAGE: English

REFERENCE COUNT: 49

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 116 OF 175 MEDLINE on STN DUPLICATE 65

ACCESSION NUMBER: 2000405305 MEDLINE Full-text

DOCUMENT NUMBER: PubMed ID: 10903735

TITLE: Fas ligand-induced c-Jun kinase activation in lymphoid cells requires extensive receptor aggregation but is independent of DAXX, and Fas-mediated cell death does not involve DAXX, RIP, or RAIDD.

AUTHOR: Villunger A; Huang D C; Holler N; Tschopp J; Strasser A

CORPORATE SOURCE: The Walter and Eliza Hall Institute, Melbourne, Australia; and Institute of Biochemistry, University of Lausanne, Epalinges, Switzerland.

SOURCE: Journal of immunology (Baltimore, Md. : 1950), (2000 Aug 1) 165 (3) 1337-43.

Journal code: 2985117R. ISSN: 0022-1767.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals

ENTRY MONTH: 200008

ENTRY DATE: Entered STN: 20000901

Last Updated on STN: 20000901

Entered Medline: 20000822

L8 ANSWER 117 OF 175 MEDLINE on STN DUPLICATE 66

ACCESSION NUMBER: 2000243955 MEDLINE Full-text

DOCUMENT NUMBER: PubMed ID: 10780954

TITLE: GLUT-1 reduces hypoxia-induced apoptosis and JNK pathway activation.

AUTHOR: Lin Z; Weinberg J M; Malhotra R; Merritt S E; Holzman L B; Brosius F C 3rd
 CORPORATE SOURCE: Division of Nephrology, Department of Internal Medicine, University of Michigan Medical School and Ann Arbor Veterans Affairs Hospital, Ann Arbor, Michigan 48109-0676, USA.
 CONTRACT NUMBER: R01 HL-60156 (NHLBI)
 SOURCE: American journal of physiology. Endocrinology and metabolism, (2000 May) 278 (5) E958-66.
 Journal code: 100901226. ISSN: 0193-1849.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200006
 ENTRY DATE: Entered STN: 20000616
 Last Updated on STN: 20000616
 Entered Medline: 20000608

L8 ANSWER 118 OF 175 MEDLINE on STN DUPLICATE 67
 ACCESSION NUMBER: 2001046657 MEDLINE Full-text
 DOCUMENT NUMBER: PubMed ID: 11086177
 TITLE: The mechanism of geranylgeraniol-induced apoptosis involves activation, by a caspase-3-like protease, of a c-jun N-terminal kinase signaling cascade and differs from mechanisms of apoptosis induced by conventional chemotherapeutic drugs.
 AUTHOR: Masuda Y; Nakaya M; Aiuchi T; Hashimoto S; Nakajo S; Nakaya K
 CORPORATE SOURCE: Laboratory of Biological Chemistry, School of Pharmaceutical Sciences, Showa University, Tokyo, Japan.
 SOURCE: Leukemia research, (2000 Nov) 24 (11) 937-50.
 Journal code: 7706787. ISSN: 0145-2126.
 PUB. COUNTRY: ENGLAND: United Kingdom
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200012
 ENTRY DATE: Entered STN: 20010322
 Last Updated on STN: 20020420
 Entered Medline: 20001204

L8 ANSWER 119 OF 175 MEDLINE on STN DUPLICATE 68
 ACCESSION NUMBER: 2001102165 MEDLINE Full-text
 DOCUMENT NUMBER: PubMed ID: 11107164
 TITLE: Akt negatively regulates the cJun N-terminal kinase pathway in PC12 cells.
 AUTHOR: Levresse V; Butterfield L; Zentrich E; Heasley L E
 CORPORATE SOURCE: Department of Medicine, University of Colorado Health Sciences Center, Denver, Colorado 80262, USA.
 CONTRACT NUMBER: CA 58157 (NCI)
 DK 59756 (NIDDK)
 SOURCE: Journal of neuroscience research, (2000 Dec 15) 62 (6) 799-808.
 Journal code: 7600111. ISSN: 0360-4012.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200101
 ENTRY DATE: Entered STN: 20010322
 Last Updated on STN: 20010322
 Entered Medline: 20010126

L8 ANSWER 120 OF 175 MEDLINE on STN DUPLICATE 69
 ACCESSION NUMBER: 2001181516 MEDLINE Full-text
 DOCUMENT NUMBER: PubMed ID: 11227217
 TITLE: Increased apoptosis and increased clonogenic survival of 12V-H-ras transformed rat fibroblasts in response to cisplatin.
 AUTHOR: Viktorsson K; Heiden T; Molin M; Akusjarvi G; Linder S; Shoshan M C
 CORPORATE SOURCE: Radiumhemmet's Research Laboratory, Cancer Center Karolinska, Karolinska Institute and Hospital, Stockholm, Sweden.

SOURCE: Apoptosis : an international journal on programmed cell death, (2000 Oct) 5 (4) 355-67.
Journal code: 9712129. ISSN: 1360-8185.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200103
ENTRY DATE: Entered STN: 20010404
Last Updated on STN: 20020420
Entered Medline: 20010329

L8 ANSWER 121 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
ACCESSION NUMBER: 2001:54881 SCISEARCH Full-text
THE GENUINE ARTICLE: 367QE
TITLE: Targeted deletion of MEKK1 in mice promotes cardiac myocyte apoptosis in response to pressure overload
AUTHOR: Yang G P (Reprint); Montagne O F; Meguro T; Asai K; Hong C; Sadoshima J; Bishop S P; Johnson G L; Vatner D E
CORPORATE SOURCE: Penn State Univ, Coll Med, Danville, PA USA; Penn State Univ, Danville, PA USA; Univ Med & Dent New Jersey, Newark, NJ 07103 USA; Univ Colorado, Denver, CO 80202 USA
COUNTRY OF AUTHOR: USA
SOURCE: CIRCULATION, (31 OCT 2000) Vol. 102, No. 18, Supp. [S], pp. 343-343. MA 1684.
Publisher: LIPPINCOTT WILLIAMS & WILKINS, 530 WALNUT ST, PHILADELPHIA, PA 19106-3621 USA.
ISSN: 0009-7322.
DOCUMENT TYPE: Conference; Journal
LANGUAGE: English
REFERENCE COUNT: 0

L8 ANSWER 122 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN DUPLICATE
70
ACCESSION NUMBER: 2000:66170 SCISEARCH Full-text
THE GENUINE ARTICLE: 275FL
TITLE: Cisplatin-resistance involves the defective processing of MEKK1 in human ovarian adenocarcinoma 2008/C13 cells
AUTHOR: Gebauer G; Mirakhur B; Nguyen Q; Shore S K; Simpkins H; Dhanasekaran N (Reprint)
CORPORATE SOURCE: TEMPLE UNIV, SCH MED, FELS INST CANC RES & MOL BIOL, 3307 N BROAD ST, PHILADELPHIA, PA 19140 (Reprint); TEMPLE UNIV, SCH MED, FELS INST CANC RES & MOL BIOL, PHILADELPHIA, PA 19140; TEMPLE UNIV, SCH MED, DEPT PATHOL, PHILADELPHIA, PA 19140; TEMPLE UNIV, SCH MED, DEPT BIOCHEM, PHILADELPHIA, PA 19140
COUNTRY OF AUTHOR: USA
SOURCE: INTERNATIONAL JOURNAL OF ONCOLOGY, (FEB 2000) Vol. 16, No. 2, pp. 321-325.
Publisher: PROFESSOR D A SPANDIDOS, 1, S MERKOURI ST, EDITORIAL OFFICE, ATHENS 116 35, GREECE.
ISSN: 1019-6439.
DOCUMENT TYPE: Article; Journal
FILE SEGMENT: LIFE
LANGUAGE: English
REFERENCE COUNT: 28
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 123 OF 175 MEDLINE on STN DUPLICATE 71
ACCESSION NUMBER: 2000164330 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 10700186
TITLE: The gene MAPK8IP1, encoding islet-brain-1, is a candidate for type 2 diabetes.
AUTHOR: Waeber G; Delplanque J; Bonny C; Mooser V; Steinmann M; Widmann C; Maillard A; Miklossy J; Dina C; Hani E H; Vionnet N; Nicod P; Boutin P; Froguel P
CORPORATE SOURCE: Department of Internal Medicine, CHUV-University Hospital, Lausanne, Switzerland.. gwaeber@chuv.hospvd.ch
SOURCE: Nature genetics, (2000 Mar) 24 (3) 291-5.
Journal code: 9216904. ISSN: 1061-4036.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English

FILE SEGMENT: Priority Journals
ENTRY MONTH: 200004
ENTRY DATE: Entered STN: 20000413
Last Updated on STN: 20000413
Entered Medline: 20000407

L8 ANSWER 124 OF 175 MEDLINE on STN DUPLICATE 72
ACCESSION NUMBER: 2000063180 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 10594023
TITLE: Increased expression of death receptors 4 and 5 synergizes
the apoptosis response to combined treatment with
etoposide and TRAIL.
AUTHOR: Gibson S B; Oyer R; Spalding A C; Anderson S M; Johnson G L
CORPORATE SOURCE: Program in Molecular Signal Transduction, Division of Basic
Sciences, National Jewish Medical and Research Center,
Denver, Colorado 80206, USA.
CONTRACT NUMBER: DK37871 (NIDDK)
DK48845 (NIDDK)
GM303024 (NIGMS)
+
SOURCE: Molecular and cellular biology, (2000 Jan) 20 (1) 205-12.
Journal code: 8109087. ISSN: 0270-7306.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200001
ENTRY DATE: Entered STN: 20000124
Last Updated on STN: 20000124
Entered Medline: 20000110

L8 ANSWER 125 OF 175 MEDLINE on STN DUPLICATE 73
ACCESSION NUMBER: 2000329219 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 10872818
TITLE: Axin-induced apoptosis depends on the extent of
its JNK activation and its ability to down-regulate
beta-catenin levels.
AUTHOR: Neo S Y; Zhang Y; Yaw L P; Li P; Lin S C
CORPORATE SOURCE: Regulatory Biology Laboratory, Institute of Molecular and
Cell Biology, National University of Singapore, Republic of
Singapore.
SOURCE: Biochemical and biophysical research communications, (2000
May 27) 272 (1) 144-50.
Journal code: 0372516. ISSN: 0006-291X.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200007
ENTRY DATE: Entered STN: 20000728
Last Updated on STN: 20020420
Entered Medline: 20000717

L8 ANSWER 126 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
ACCESSION NUMBER: 2000:681427 SCISEARCH Full-text
THE GENUINE ARTICLE: 350GE
TITLE: Cytoskeletal disruption accelerates caspase-3 activation
and alters the intracellular membrane reorganization in
DNA damage-induced apoptosis
AUTHOR: Yamazaki Y (Reprint); Tsuruga M; Zhou D; Fujita Y; Shang X
Y; Dang Y; Kawasaki K; Oka S
CORPORATE SOURCE: AGCY IND SCI & TECHNOL, NATL INST BIOSCI & HUMAN TECHNOL,
1-1 HIGASHI, TSUKUBA, IBARAKI 3058566, JAPAN (Reprint)
COUNTRY OF AUTHOR: JAPAN
SOURCE: EXPERIMENTAL CELL RESEARCH, (25 AUG 2000) Vol. 259, No. 1,
pp. 64-78.
Publisher: ACADEMIC PRESS INC, 525 B ST, STE 1900, SAN
DIEGO, CA 92101-4495.
ISSN: 0014-4827.
DOCUMENT TYPE: Article; Journal
FILE SEGMENT: LIFE
LANGUAGE: English
REFERENCE COUNT: 63
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 127 OF 175 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 ACCESSION NUMBER: 2001:112403 BIOSIS Full-text
 DOCUMENT NUMBER: PREV200100112403
 TITLE: Targeted deletion of MEKK1 in mice promotes
 cardiac myocyte apoptosis in response to pressure
 overload.
 AUTHOR(S): Yang, Gui-Ping [Reprint author]; Montagne, Olivier F.
 [Reprint author]; Meguro, Tomomi; Asai, Kuniya; Hong,
 Chull; Sadoshima, Junichi; Bishop, Sanford P.; Johnson,
 Gary L.; Vatner, Dorothy E.
 CORPORATE SOURCE: Penn State Univ Coll of Medicine, Danville, PA, USA
 SOURCE: Circulation, (October 31, 2000) Vol. 102, No. 18
 Supplement, pp. II.343. print.
 Meeting Info.: Abstracts from American Heart Association
 Scientific Sessions 2000. New Orleans, Louisiana, USA.
 November 12-15, 2000. American Heart Association.
 CODEN: CIRCAZ. ISSN: 0009-7322.
 DOCUMENT TYPE: Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 LANGUAGE: English
 ENTRY DATE: Entered STN: 28 Feb 2001
 Last Updated on STN: 15 Feb 2002

L8 ANSWER 128 OF 175 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN DUPLICATE
 74

ACCESSION NUMBER: 1999-508649 [42] WPIDS Full-text
 CROSS REFERENCE: 1999-571843 [48]; 2002-462905 [49]
 DOC. NO. NON-CPI: N1999-379027
 DOC. NO. CPI: C1999-148629
 TITLE: A new mammalian serine-threonine protein kinase for
 treating disorder characterized by aberration of the
 enzyme gene.
 DERWENT CLASS: B04 D16 S03
 INVENTOR(S): JOHNSON, G L
 PATENT ASSIGNEE(S): (CADU-N) CADUS PHARM CORP; (NAJE-N) NAT JEWISH CENT
 IMMUNOLOGY & RESPIRATORY
 COUNTRY COUNT: 84
 PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
WO 9941385	A1	19990819	(199942)* EN	105	
RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL					
OA PT SD SE SZ UG ZW					
W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD					
GE GH GM HR HU ID IL IN IS JP KE KP KR KZ LC LK LR LS LT LU LV					
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT					
UA UG US UZ VN YU ZW					
AU 9932895	A	19990830	(200003)		
US 2002146798	A1	20021010	(200269)		

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
WO 9941385	A1	WO 1999-US2974	19990212
AU 9932895	A	AU 1999-32895	19990212
US 2002146798	A1 Provisional	US 1998-78153P	19980316
	Provisional	US 1998-99165P	19980904
	Cont of	US 2000-423890	20000306
		US 2001-864	20011031

FILING DETAILS:

PATENT NO	KIND	PATENT NO
AU 9932895	A Based on	WO 9941385

PRIORITY APPLN. INFO: US 1998-23130 19980213

L8 ANSWER 129 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 ACCESSION NUMBER: 1999:943601 SCISEARCH Full-text
 THE GENUINE ARTICLE: 260XW
 TITLE: Axin forms a complex with MEKK1 and activates
 c-Jun NH2-terminal kinase/stress-activated protein kinase

through domains distinct from Wnt signaling

AUTHOR: Zhang Y; Neo S Y; Wang X H; Han J H; Lin S C (Reprint)

CORPORATE SOURCE: NATL UNIV SINGAPORE, INST MOL & CELL BIOL, REGULATORY BIOL
LAB, 30 MED DR, SINGAPORE 117609, SINGAPORE (Reprint);
NATL UNIV SINGAPORE, INST MOL & CELL BIOL, REGULATORY BIOL
LAB, SINGAPORE 117609, SINGAPORE; SCRIPPS CLIN & RES INST,
DEPT IMMUNOL, LA JOLLA, CA 92037

COUNTRY OF AUTHOR: SINGAPORE; USA

SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (3 DEC 1999) Vol. 274,
No. 49, pp. 35247-35254.
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC,
9650 ROCKVILLE PIKE, BETHESDA, MD 20814.
ISSN: 0021-9258.

DOCUMENT TYPE: Article; Journal

FILE SEGMENT: LIFE

LANGUAGE: English

REFERENCE COUNT: 53

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 130 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 1999:921944 SCISEARCH Full-text

THE GENUINE ARTICLE: 258UL

TITLE: The human T-cell leukemia virus type-1 Tax protein
regulates the activity of the I kappa B kinase complex

AUTHOR: Li X H; Murphy K M; Palka K T; Surabhi R M; Gaynor R B
(Reprint)

CORPORATE SOURCE: UNIV TEXAS, SW MED CTR, DEPT MED, DIV HEMATOL ONCOL,
SIMMONS CANC CTR, 5323 HARRY HINES BLVD, DALLAS, TX 75235
(Reprint); UNIV TEXAS, SW MED CTR, DEPT MED, DIV HEMATOL
ONCOL, SIMMONS CANC CTR, DALLAS, TX 75235

COUNTRY OF AUTHOR: USA

SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (26 NOV 1999) Vol. 274,
No. 48, pp. 34417-34424.
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC,
9650 ROCKVILLE PIKE, BETHESDA, MD 20814.
ISSN: 0021-9258.

DOCUMENT TYPE: Article; Journal

FILE SEGMENT: LIFE

LANGUAGE: English

REFERENCE COUNT: 76

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 131 OF 175 MEDLINE on STN DUPLICATE 75

ACCESSION NUMBER: 2000002631 MEDLINE Full-text

DOCUMENT NUMBER: PubMed ID: 10531305

TITLE: Quinone reductase inhibitors block SAPK/JNK and NFkappaB
pathways and potentiate apoptosis.

AUTHOR: Cross J V; Deak J C; Rich E A; Qian Y; Lewis M; Parrott L
A; Mochida K; Gustafson D; Vande Pol S; Templeton D J

CORPORATE SOURCE: Department of Medicine, Institute of Pathology, Case
Western Reserve University, Cleveland, Ohio 44106, USA.

CONTRACT NUMBER: CA-66134 (NCI)
HL-09249-01 (NHLBI)
HL-57940 (NHLBI)
+

SOURCE: Journal of biological chemistry, (1999 Oct 29) 274 (44)
31150-4.
Journal code: 2985121R. ISSN: 0021-9258.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 199912

ENTRY DATE: Entered STN: 20000113
Last Updated on STN: 20000113
Entered Medline: 19991216

L8 ANSWER 132 OF 175 MEDLINE on STN DUPLICATE 76

ACCESSION NUMBER: 1999452949 MEDLINE Full-text

DOCUMENT NUMBER: PubMed ID: 10521444

TITLE: Tumor necrosis factor-related apoptosis-inducing
ligand receptors signal NF-kappaB and JNK activation and
apoptosis through distinct pathways.

AUTHOR: Hu W H; Johnson H; Shu H B

CORPORATE SOURCE: National Jewish Medical and Research Center, Division of

Basic Immunology, Department of Immunology, Denver,
Colorado 80206, USA.
SOURCE: Journal of biological chemistry, (1999 Oct 22) 274 (43)
30603-10.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199911
ENTRY DATE: Entered STN: 20000111
Last Updated on STN: 20020420
Entered Medline: 19991123

L8 ANSWER 133 OF 175 MEDLINE on STN DUPLICATE 77
ACCESSION NUMBER: 1999329027 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 10400639
TITLE: The function of HSP72 in suppression of c-Jun N-terminal
kinase activation can be dissociated from its role in
prevention of protein damage.
AUTHOR: Yaglom J A; Gabai V L; Meriin A B; Mosser D D; Sherman M Y
CORPORATE SOURCE: Boston Biomedical Research Institute, Boston, Massachusetts
02114, USA.
SOURCE: Journal of biological chemistry, (1999 Jul 16) 274 (29)
20223-8.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199908
ENTRY DATE: Entered STN: 19990827
Last Updated on STN: 19990827
Entered Medline: 19990819

L8 ANSWER 134 OF 175 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1999:441659 CAPLUS Full-text
DOCUMENT NUMBER: 131:182865
TITLE: Activation of the c-Jun N-terminal
kinase/stress-activated protein kinase pathway by
overexpression of caspase-8 and its homologs
AUTHOR(S): Chaudhary, Preet M.; Eby, Michael T.; Jasmin, Alan;
Hood, Leroy
CORPORATE SOURCE: Hamon Center for Therapeutic Oncology Research,
University of Texas Southwestern Medical Center,
Dallas, TX, 75235-8593, USA
SOURCE: Journal of Biological Chemistry (1999), 274(27),
19211-19219
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular
Biology
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 135 OF 175 MEDLINE on STN DUPLICATE 78
ACCESSION NUMBER: 2000079618 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 10611349
TITLE: MEKK1 suppresses oxidative stress-induced
apoptosis of embryonic stem cell-derived cardiac
myocytes.
AUTHOR: Minamino T; Yujiri T; Papst P J; Chan E D; Johnson G L;
Terada N
CORPORATE SOURCE: Program in Molecular Signal Transduction, Division of Basic
Sciences, Department of Pediatrics, National Jewish Medical
and Research Center, Denver, CO 80206, USA.
CONTRACT NUMBER: CA64685 (NCI)
DK37381 (NIDDK)
HL03625 (NHLBI)
+
SOURCE: Proceedings of the National Academy of Sciences of the
United States of America, (1999 Dec 21) 96 (26) 15127-32.
Journal code: 7505876. ISSN: 0027-8424.
PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200001
ENTRY DATE: Entered STN: 20000204
Last Updated on STN: 20020420
Entered Medline: 20000127

L8 ANSWER 136 OF 175 MEDLINE on STN DUPLICATE 79
ACCESSION NUMBER: 1999230282 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 10212239
TITLE: MEK kinase 1 (MEKK1) transduces c-Jun
NH2-terminal kinase activation in response to changes in
the microtubule cytoskeleton.
AUTHOR: Yujiri T; Fanger G R; Garrington T P; Schlesinger T K;
Gibson S; Johnson G L
CORPORATE SOURCE: Program in Molecular Signal Transduction, Division of Basic
Sciences, National Jewish Medical and Research Center,
Denver, Colorado 80206, USA.
CONTRACT NUMBER: DK37871 (NIDDK)
DK48845 (NIDDK)
GM30324 (NIGMS)

+
SOURCE: Journal of biological chemistry, (1999 Apr 30) 274 (18)
12605-10.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199906
ENTRY DATE: Entered STN: 19990614
Last Updated on STN: 20020420
Entered Medline: 19990603

L8 ANSWER 137 OF 175 MEDLINE on STN DUPLICATE 80
ACCESSION NUMBER: 1999214163 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 10196170
TITLE: Differential involvement of MEK kinase 1 (MEKK1)
in the induction of apoptosis in response to
microtubule-targeted drugs versus DNA damaging agents.
AUTHOR: Gibson S; Widmann C; Johnson G L
CORPORATE SOURCE: Program in Molecular Signal Transduction, Division of Basic
Sciences, National Jewish Medical and Research Center,
Denver, Colorado, 80206, USA.
CONTRACT NUMBER: DK 37871 (NIDDK)
DK 48845 (NIDDK)
GM 30324 (NIGMS)

+
SOURCE: Journal of biological chemistry, (1999 Apr 16) 274 (16)
10916-22.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199905
ENTRY DATE: Entered STN: 19990601
Last Updated on STN: 20020420
Entered Medline: 19990517

L8 ANSWER 138 OF 175 MEDLINE on STN DUPLICATE 81
ACCESSION NUMBER: 1999455228 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 10523828
TITLE: Hematopoietic progenitor kinase-1 (HPK1) stress response
signaling pathway activates IkappaB kinases
(IKK-alpha/beta) and IKK-beta is a developmentally
regulated protein kinase.
AUTHOR: Hu M C; Wang Y p; Qiu W R; Mikhail A; Meyer C F; Tan T H
CORPORATE SOURCE: Department of Cell Biology, Amgen, Inc., Thousand Oaks,
California, CA 91320, USA.
SOURCE: Oncogene, (1999 Sep 30) 18 (40) 5514-24.
Journal code: 8711562. ISSN: 0950-9232.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199911
ENTRY DATE: Entered STN: 20000111
Last Updated on STN: 20020420
Entered Medline: 19991105

L8 ANSWER 139 OF 175 MEDLINE on STN DUPLICATE 82
ACCESSION NUMBER: 1999303806 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 10373563
TITLE: Mitogen-activated protein kinase kinase kinase 1 activates
androgen receptor-dependent transcription and
apoptosis in prostate cancer.
AUTHOR: Abreu-Martin M T; Chari A; Palladino A A; Craft N A;
Sawyers C L
CORPORATE SOURCE: Department of Medicine, Cedars-Sinai Medical Center, Los
Angeles, California 90095, USA.
SOURCE: Molecular and cellular biology, (1999 Jul) 19 (7) 5143-54.
Journal code: 8109087. ISSN: 0270-7306.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199907
ENTRY DATE: Entered STN: 19990730
Last Updated on STN: 20020420
Entered Medline: 19990722

L8 ANSWER 140 OF 175 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1999:727363 CAPLUS Full-text
DOCUMENT NUMBER: 131:335753
TITLE: Synergistic action of protein kinase C θ and
calcineurin is sufficient for Fas ligand expression
and induction of a crmA-sensitive apoptosis
pathway in Jurkat T cells
AUTHOR(S): Villunger, Andreas; Ghaffari-Tabrizi, Nassim;
Tinhofer, Inge; Krumbock, Nina; Bauer, Birgit;
Schneider, Thomas; Kasibhatla, Shailaja; Greil,
Richard; Baier-Bitterlich, Gabriele; Uberall, Florian;
Green, Douglas R.; Baier, Gottfried
CORPORATE SOURCE: Dep. Medical Chemistry Biochemistry, Medical School,
Univ. Innsbruck, Innsbruck, A-6020, Austria
SOURCE: European Journal of Immunology (1999), 29(11),
3549-3561
CODEN: EJIMAF; ISSN: 0014-2980
PUBLISHER: Wiley-VCH Verlag GmbH
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 141 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
ACCESSION NUMBER: 1999:95020 SCISEARCH Full-text
THE GENUINE ARTICLE: 159QL
TITLE: A novel human STE20-related protein kinase, HGK, that
specifically activates the c-Jun N-terminal kinase
signaling pathway
AUTHOR: Yao Z B; Zhou G S; Wang X H S; Brown A; Diener K; Gan H;
Tan T H (Reprint)
CORPORATE SOURCE: BAYLOR COLL MED, DEPT MICROBIOL & IMMUNOL, M929, 1 BAYLOR
PLAZA, HOUSTON, TX 77030 (Reprint); BAYLOR COLL MED, DEPT
MICROBIOL & IMMUNOL, HOUSTON, TX 77030; AMGEN INC,
BOULDER, CO 80301
COUNTRY OF AUTHOR: USA
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (22 JAN 1999) Vol. 274,
No. 4, pp. 2118-2125.
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC,
9650 ROCKVILLE PIKE, BETHESDA, MD 20814.
ISSN: 0021-9258.
DOCUMENT TYPE: Article; Journal
FILE SEGMENT: LIFE
LANGUAGE: English
REFERENCE COUNT: 35

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 142 OF 175 MEDLINE on STN DUPLICATE 83
 ACCESSION NUMBER: 1999326005 MEDLINE Full-text
 DOCUMENT NUMBER: PubMed ID: 10400418
 TITLE: Mitogen-activated protein kinase pathway is dispensable for microtubule-active drug-induced Raf-1/Bcl-2 phosphorylation and apoptosis in leukemia cells.
 AUTHOR: Blagosklonny M V; Chuman Y; Bergan R C; Fojo T
 CORPORATE SOURCE: Medicine Branch, National Cancer Institute, NIH, Bethesda, MD 20892, USA.
 SOURCE: Leukemia : official journal of the Leukemia Society of America, Leukemia Research Fund, U.K, (1999 Jul) 13 (7) 1028-36.
 Journal code: 8704895. ISSN: 0887-6924.
 PUB. COUNTRY: ENGLAND: United Kingdom
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 199907
 ENTRY DATE: Entered STN: 19990806
 Last Updated on STN: 20020420
 Entered Medline: 19990726

L8 ANSWER 143 OF 175 MEDLINE on STN DUPLICATE 84
 ACCESSION NUMBER: 1999124242 MEDLINE Full-text
 DOCUMENT NUMBER: PubMed ID: 9927052
 TITLE: Activation of c-Jun NH2-terminal kinase and subsequent CPP32/Yama during topoisomerase inhibitor beta-lapachone-induced apoptosis through an oxidation-dependent pathway.
 AUTHOR: Shiah S G; Chuang S E; Chau Y P; Shen S C; Kuo M L
 CORPORATE SOURCE: Institute of Toxicology, College of Medicine, National Taiwan University, Taipei.
 SOURCE: Cancer research, (1999 Jan 15) 59 (2) 391-8.
 Journal code: 2984705R. ISSN: 0008-5472.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 199902
 ENTRY DATE: Entered STN: 19990223
 Last Updated on STN: 19990223
 Entered Medline: 19990210

L8 ANSWER 144 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 ACCESSION NUMBER: 1999:964994 SCISEARCH Full-text
 THE GENUINE ARTICLE: 260JL
 TITLE: Analysis of the mechanism of inhibition of apoptosis by a dominant negative mutant of MEKK1.
 AUTHOR: Mandic A (Reprint); Viktorsson K; Linder S; Shoshan M
 CORPORATE SOURCE: KAROLINSKA HOSP & INST, CANC CTR KAROLINSKA, S-17176 STOCKHOLM, SWEDEN
 COUNTRY OF AUTHOR: SWEDEN
 SOURCE: CLINICAL CANCER RESEARCH, (NOV 1999) Vol. 5, Supp. [S], pp. 367-367.
 Publisher: AMER ASSOC CANCER RESEARCH, PO BOX 11806, BIRMINGHAM, AL 35202.
 ISSN: 1078-0432.
 DOCUMENT TYPE: Conference; Journal
 FILE SEGMENT: CLIN
 LANGUAGE: English
 REFERENCE COUNT: 0

L8 ANSWER 145 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 ACCESSION NUMBER: 1999:964993 SCISEARCH Full-text
 THE GENUINE ARTICLE: 260JL
 TITLE: Dominant-negative MEKK1 blocks cisplatin-induced apoptosis but does not alleviate cell cycle blocks in 12V-Ras transformed fibroblasts.
 AUTHOR: Viktorsson K (Reprint); Heiden T; Molin M; Akusjarvi G; Linder S; Shoshan M
 CORPORATE SOURCE: KAROLINSKA HOSP & INST, CANC CTR KAROLINSKA, S-17176 STOCKHOLM, SWEDEN; UNIV UPPSALA, DEPT MICROBIOL, S-75123 UPPSALA, SWEDEN
 COUNTRY OF AUTHOR: SWEDEN

SOURCE: CLINICAL CANCER RESEARCH, (NOV 1999) Vol. 5, Supp. [S],
pp. 366-366.
Publisher: AMER ASSOC CANCER RESEARCH, PO BOX 11806,
BIRMINGHAM, AL 35202.
ISSN: 1078-0432.

DOCUMENT TYPE: Conference; Journal
FILE SEGMENT: CLIN
LANGUAGE: English
REFERENCE COUNT: 0

L8 ANSWER 146 OF 175 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
ACCESSION NUMBER: 1999:154838 BIOSIS Full-text
DOCUMENT NUMBER: PREV199900154838
TITLE: Regulation of primary human prostate epithelial cell
apoptosis.
AUTHOR(S): Morgan, Michael [Reprint author]; Lloyd, Michael; Thorburn,
Jacqueline; Thorburn, Andrew
CORPORATE SOURCE: Huntsman Cancer Inst., Univ. Utah, Salt Lake City, UT
84112, USA
SOURCE: Prostate, (March, 1999) Vol. 38, No. 4, pp. 331-332. print.
Meeting Info.: International Symposium on Biology of
Prostate Growth. Bethesda, Maryland, USA. March 15-18,
1998.
CODEN: PRSTDS. ISSN: 0270-4137.
DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LANGUAGE: English
ENTRY DATE: Entered STN: 16 Apr 1999
Last Updated on STN: 16 Apr 1999

L8 ANSWER 147 OF 175 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 85
ACCESSION NUMBER: 1999:282197 BIOSIS Full-text
DOCUMENT NUMBER: PREV199900282197
TITLE: Molecular basis of viral apoptosis:
Reovirus-induced apoptosis is associated with
activation of nuclear transcription factor NFkappaB via the
MAP kinases MEKK1 and NIK.
AUTHOR(S): Tyler, Kenneth L. [Reprint author]; Clarke, Penny [Reprint
author]; Widmann, Christian [Reprint author]; Johnson, Gary
L. [Reprint author]
CORPORATE SOURCE: Denver, CO, USA
SOURCE: Neurology, (April 12, 1999) Vol. 52, No. 6 SUPPL. 2, pp.
A186. print.
Meeting Info.: 51st Annual Meeting of the American Academy
of Neurology. Toronto, Ontario, Canada. April 17-24, 1999.
American Academy of Neurology.
CODEN: NEURAI. ISSN: 0028-3878.
DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LANGUAGE: English
ENTRY DATE: Entered STN: 28 Jul 1999
Last Updated on STN: 28 Jul 1999

L8 ANSWER 148 OF 175 MEDLINE on STN DUPLICATE 86
ACCESSION NUMBER: 1999330187 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 10403393
TITLE: Lack of c-Jun activity increases survival to cisplatin.
AUTHOR: Sanchez-Perez I; Perona R
CORPORATE SOURCE: Instituto de Investigaciones Biomeicas C.S.I.C./U.A.M.,
Madrid, Spain.
SOURCE: FEBS letters, (1999 Jun 18) 453 (1-2) 151-8.
Journal code: 0155157. ISSN: 0014-5793.
PUB. COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199908
ENTRY DATE: Entered STN: 19990816
Last Updated on STN: 20021015
Entered Medline: 19990802

L8 ANSWER 149 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
ACCESSION NUMBER: 1999:77999 SCISEARCH Full-text
THE GENUINE ARTICLE: 157AX

TITLE: The nuclear factor-kappa B RelA transcription factor is constitutively activated in human pancreatic adenocarcinoma cells

AUTHOR: Wang W X; Abbruzzese J L; Evans D B; Larry L; Cleary K R; Chiao P J (Reprint)

CORPORATE SOURCE: UNIV TEXAS, MD ANDERSON CANCER CTR, DEPT SURG ONCOL TUMOR BIOL, BOX 107, 1515 HOLCOMBE BLVD, HOUSTON, TX 77030 (Reprint); UNIV TEXAS, MD ANDERSON CANCER CTR, DEPT SURG ONCOL, HOUSTON, TX 77030; UNIV TEXAS, MD ANDERSON CANCER CTR, DEPT TUMOR BIOL, HOUSTON, TX 77030; UNIV TEXAS, MD ANDERSON CANCER CTR, DEPT GASTROINTESTINAL MED ONCOL & DIGEST DIS, HOUSTON, TX 77030; UNIV TEXAS, MD ANDERSON CANCER CTR, DEPT PATHOL, HOUSTON, TX 77030

COUNTRY OF AUTHOR: USA

SOURCE: CLINICAL CANCER RESEARCH, (JAN 1999) Vol. 5, No. 1, pp. 119-127.
 Publisher: AMER ASSOC CANCER RESEARCH, PO BOX 11806, BIRMINGHAM, AL 35202.
 ISSN: 1078-0432.

DOCUMENT TYPE: Article; Journal

FILE SEGMENT: CLIN

LANGUAGE: English

REFERENCE COUNT: 52

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 150 OF 175 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

ACCESSION NUMBER: 2000:32328 BIOSIS Full-text

DOCUMENT NUMBER: PREV200000032328

TITLE: Myocardial ischemia/reperfusion causes caspase-mediated cleavage of MEKK1 in the adult rat heart in vivo.

AUTHOR(S): Zerowski, David C. [Reprint author]; Sadoshima, Junichi [Reprint author]

CORPORATE SOURCE: AUHS, Pittsburgh, PA, USA

SOURCE: Circulation, (Nov. 2, 1999) Vol. 100, No. 18 SUPPL., pp. I.9. print.
 Meeting Info.: 72nd Scientific Sessions of the American Heart Association. Atlanta, Georgia, USA. November 7-10, 1999.
 CODEN: CIRCAZ. ISSN: 0009-7322.

DOCUMENT TYPE: Conference; (Meeting)

LANGUAGE: English

ENTRY DATE: Entered STN: 13 Jan 2000
 Last Updated on STN: 31 Dec 2001

L8 ANSWER 151 OF 175 MEDLINE on STN DUPLICATE 87

ACCESSION NUMBER: 1998447622 MEDLINE Full-text

DOCUMENT NUMBER: PubMed ID: 9774391

TITLE: Regulation of apoptosis by alpha-subunits of G12 and G13 proteins via apoptosis signal-regulating kinase-1.

AUTHOR: Berestetskaya Y V; Faure M P; Ichijo H; Voyno-Yasenetskaya T A

CORPORATE SOURCE: Department of Pharmacology, University of Illinois, Chicago, Illinois 60612, USA.

SOURCE: Journal of biological chemistry, (1998 Oct 23) 273 (43) 27816-23.
 Journal code: 2985121R. ISSN: 0021-9258.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 199811

ENTRY DATE: Entered STN: 19990106
 Last Updated on STN: 20020420
 Entered Medline: 19981112

L8 ANSWER 152 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 1998:671799 SCISEARCH Full-text

THE GENUINE ARTICLE: 114NY

TITLE: Tumor necrosis factor signaling to stress-activated protein kinase (SAPK)/Jun NH2-terminal kinase (JNK) and p38 - Germinal center kinase couples TRAF2 to mitogen-activated protein kinase/ERK kinase kinase 1 and SAPK while receptor interacting protein associates with a

mitogen-activated protein kinase kinase kinase upstream of
MKK6 and p38

AUTHOR: Yuasa T; Ohno S; Kehrl J H; Kyriakis J M (Reprint)
CORPORATE SOURCE: MASSACHUSETTS GEN HOSP E, DIABET RES LAB, MED RES LAB, 149
13TH ST, CHARLESTOWN, MA 02129 (Reprint); MASSACHUSETTS
GEN HOSP E, DIABET RES LAB, MED RES LAB, CHARLESTOWN, MA
02129; YOKOHAMA CITY UNIV, SCH MED, DEPT MOL BIOL,
KANAZAWA KU, YOKOHAMA, KANAGAWA 236, JAPAN; NIAID, CELL
MOL IMMUNOL SECT B, IMMUNOREGULAT LAB, NIH, BETHESDA, MD
20892
COUNTRY OF AUTHOR: USA; JAPAN
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (28 AUG 1998) Vol. 273,
No. 35, pp. 22681-22692.
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC,
9650 ROCKVILLE PIKE, BETHESDA, MD 20814.
ISSN: 0021-9258.
DOCUMENT TYPE: Article; Journal
FILE SEGMENT: LIFE
LANGUAGE: English
REFERENCE COUNT: 58
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 153 OF 175 MEDLINE on STN DUPLICATE 88
ACCESSION NUMBER: 1998393680 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 9724739
TITLE: MEKK1/JNK signaling stabilizes and activates p53.
AUTHOR: Fuchs S Y; Adler V; Pincus M R; Ronai Z
CORPORATE SOURCE: Ruttenberg Cancer Center, Mount Sinai School of Medicine,
New York, NY 10029, USA.
CONTRACT NUMBER: CA42500 (NCI)
CA59908 (NCI)
CA78419 (NCI)
SOURCE: Proceedings of the National Academy of Sciences of the
United States of America, (1998 Sep 1) 95 (18) 10541-6.
Journal code: 7505876. ISSN: 0027-8424.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199809
ENTRY DATE: Entered STN: 19981008
Last Updated on STN: 20020420
Entered Medline: 19980928

L8 ANSWER 154 OF 175 MEDLINE on STN DUPLICATE 89
ACCESSION NUMBER: 1998175990 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 9507028
TITLE: Caspase-dependent cleavage of signaling proteins during
apoptosis. A turn-off mechanism for anti-apoptotic
signals.
AUTHOR: Widmann C; Gibson S; Johnson G L
CORPORATE SOURCE: Program in Molecular Signal Transduction, National Jewish
Medical and Research Center, Denver, Colorado 80206, USA.
SOURCE: Journal of biological chemistry, (1998 Mar 20) 273 (12)
7141-7.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199804
ENTRY DATE: Entered STN: 19980422
Last Updated on STN: 20020420
Entered Medline: 19980416

L8 ANSWER 155 OF 175 MEDLINE on STN DUPLICATE 90
ACCESSION NUMBER: 1998245125 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 9576928
TITLE: Fas-induced proteolytic activation and intracellular
redistribution of the stress-signaling kinase MEKK1
AUTHOR: Deak J C; Cross J V; Lewis M; Qian Y; Parrott L A;
Distelhorst C W; Templeton D J
CORPORATE SOURCE: Institute of Pathology, Case Western Reserve University,
10900 Euclid Avenue, Cleveland OH 44106, USA.

CONTRACT NUMBER: CA-66134 (NCI)
CA-68738 (NCI)
SOURCE: Proceedings of the National Academy of Sciences of the
United States of America, (1998 May 12) 95 (10) 5595-600.
Journal code: 7505876. ISSN: 0027-8424.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199806
ENTRY DATE: Entered STN: 19980708
Last Updated on STN: 20020420
Entered Medline: 19980619

L8 ANSWER 156 OF 175 MEDLINE on STN DUPLICATE 91
ACCESSION NUMBER: 1998378553 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 9710625
TITLE: Stress-induced Fas ligand expression in T cells is mediated
through a MEK kinase 1-regulated response element in the
Fas ligand promoter.
AUTHOR: Faris M; Latinis K M; Kempiak S J; Koretzky G A; Nel A
CORPORATE SOURCE: Division of Clinical Immunology and Allergy, Department of
Medicine, UCLA School of Medicine, Los Angeles, California
90095, USA.
CONTRACT NUMBER: AG14963 (NIA)
AG14992 (NIA)
AI52735 (NIAID)
+
SOURCE: Molecular and cellular biology, (1998 Sep) 18 (9) 5414-24.
Journal code: 8109087. ISSN: 0270-7306.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199809
ENTRY DATE: Entered STN: 19980917
Last Updated on STN: 20020420
Entered Medline: 19980910

L8 ANSWER 157 OF 175 MEDLINE on STN DUPLICATE 92
ACCESSION NUMBER: 1998353465 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 9687508
TITLE: Differential regulation of c-Jun by ERK and JNK during PC12
cell differentiation.
AUTHOR: Leppa S; Saffrich R; Ansorge W; Bohmann D
CORPORATE SOURCE: European Molecular Biology Laboratory, Heidelberg, Germany.
SOURCE: EMBO journal, (1998 Aug 3) 17 (15) 4404-13.
Journal code: 8208664. ISSN: 0261-4189.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199809
ENTRY DATE: Entered STN: 19981006
Last Updated on STN: 19981006
Entered Medline: 19980922

L8 ANSWER 158 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
ACCESSION NUMBER: 1998:326356 SCISEARCH Full-text
THE GENUINE ARTICLE: ZJ528
TITLE: Activation of p21-CDC42/Rac-activated kinases by CD28
signaling: p21-activated kinase (PAK) and MEK kinase 1 (MEKK1) may mediate the interplay between CD3 and CD28 signals
AUTHOR: Kaga S; Ragg S; Rogers K A; Ochi A (Reprint)
CORPORATE SOURCE: UNIV WESTERN ONTARIO, JOHN P ROBERTS RES INST, 1400
WESTERN RD, LONDON, ON N6G 2V4, CANADA (Reprint); UNIV
WESTERN ONTARIO, JOHN P ROBERTS RES INST, LONDON, ON N6G
2V4, CANADA; UNIV WESTERN ONTARIO, DEPT MICROBIOL &
IMMUNOL, LONDON, ON, CANADA; UNIV WESTERN ONTARIO, DEPT
ANAT & CELL BIOL, LONDON, ON, CANADA
COUNTRY OF AUTHOR: CANADA
SOURCE: JOURNAL OF IMMUNOLOGY, (1 MAY 1998) Vol. 160, No. 9, pp.
4182-4189.
Publisher: AMER ASSOC IMMUNOLOGISTS, 9650 ROCKVILLE PIKE,

BETHESDA, MD 20814.
ISSN: 0022-1767.
DOCUMENT TYPE: Article; Journal
FILE SEGMENT: LIFE
LANGUAGE: English
REFERENCE COUNT: 44
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 159 OF 175 MEDLINE on STN DUPLICATE 93
ACCESSION NUMBER: 1998298246 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 9632786
TITLE: Adenovirus E1B 19,000-molecular-weight protein activates
c-Jun N-terminal kinase and c-Jun-mediated transcription.
AUTHOR: See R H; Shi Y
CORPORATE SOURCE: Department of Pathology, Harvard Medical School, Boston,
Massachusetts 02115, USA.
CONTRACT NUMBER: GM53874 (NIGMS)
SOURCE: Molecular and cellular biology, (1998 Jul) 18 (7) 4012-22.
Journal code: 8109087. ISSN: 0270-7306.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199807
ENTRY DATE: Entered STN: 19980723
Last Updated on STN: 20020420
Entered Medline: 19980716

L8 ANSWER 160 OF 175 MEDLINE on STN DUPLICATE 94
ACCESSION NUMBER: 1998187659 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 9528810
TITLE: MEK kinase 1, a substrate for DEVD-directed caspases, is
involved in genotoxin-induced apoptosis.
AUTHOR: Widmann C; Gerwins P; Johnson N L; Jarpe M B; Johnson G L
CORPORATE SOURCE: Division of Basic Sciences, National Jewish Center for
Immunology and Respiratory Medicine, Denver, Colorado
80206, USA.. johnsonlab@njc.org
CONTRACT NUMBER: CA58157 (NCI)
DK37871 (NIDDK)
DK48845 (NIDDK)
+
SOURCE: Molecular and cellular biology, (1998 Apr) 18 (4) 2416-29.
Journal code: 8109087. ISSN: 0270-7306.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199805
ENTRY DATE: Entered STN: 19980529
Last Updated on STN: 20020420
Entered Medline: 19980521

L8 ANSWER 161 OF 175 MEDLINE on STN DUPLICATE 95
ACCESSION NUMBER: 1999055404 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 9836645
TITLE: Role of MEKK1 in cell survival and activation of
JNK and ERK pathways defined by targeted gene disruption.
AUTHOR: Yujiri T; Sather S; Fanger G R; Johnson G L
CORPORATE SOURCE: Program in Molecular Signal Transduction, Division of Basic
Sciences, National Jewish Medical and Research Center,
Denver, CO 80206, USA.
CONTRACT NUMBER: DK37871 (NIDDK)
GM30324 (NIGMS)
SOURCE: Science, (1998 Dec 4) 282 (5395) 1911-4.
Journal code: 0404511. ISSN: 0036-8075.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199812
ENTRY DATE: Entered STN: 19990115
Last Updated on STN: 20020420
Entered Medline: 19981228

L8 ANSWER 162 OF 175 MEDLINE on STN DUPLICATE 96

ACCESSION NUMBER: 1998104169 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 9430725
TITLE: Molecular mechanisms of c-Jun N-terminal kinase-mediated
apoptosis induced by anticarcinogenic
isothiocyanates.
AUTHOR: Chen Y R; Wang W; Kong A N; Tan T H
CORPORATE SOURCE: Department of Microbiology and Immunology, Baylor College
of Medicine, Houston, Texas 77030, USA.
CONTRACT NUMBER: R01-AI38649 (NIAID)
R01-GM49875 (NIGMS)
R29-GM49172 (NIGMS)

+
SOURCE: Journal of biological chemistry, (1998 Jan 16) 273 (3)
1769-75.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199802
ENTRY DATE: Entered STN: 19980224
Last Updated on STN: 20000303
Entered Medline: 19980212

L8 ANSWER 163 OF 175 MEDLINE on STN DUPLICATE 97
ACCESSION NUMBER: 1998132571 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 9464996
TITLE: Role of the Jun kinase pathway in the regulation of c-Jun
expression and apoptosis in sympathetic neurons.
AUTHOR: Eilers A; Whitfield J; Babij C; Rubin L L; Ham J
CORPORATE SOURCE: Eisai London Research Laboratories, University College
London, London WC1E 6BT, United Kingdom.
SOURCE: Journal of neuroscience : official journal of the Society
for Neuroscience, (1998 Mar 1) 18 (5) 1713-24.
Journal code: 8102140. ISSN: 0270-6474.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199803
ENTRY DATE: Entered STN: 19980312
Last Updated on STN: 20020420
Entered Medline: 19980304

L8 ANSWER 164 OF 175 MEDLINE on STN DUPLICATE 98
ACCESSION NUMBER: 1999069491 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 9852160
TITLE: p53 is essential for developmental neuron death as
regulated by the TrkA and p75 neurotrophin receptors.
AUTHOR: Aloyz R S; Bamji S X; Poznaniak C D; Toma J G; Atwal J;
Kaplan D R; Miller F D
CORPORATE SOURCE: Center for Neuronal Survival, Montreal Neurological
Institute, McGill University, Montreal, Quebec, Canada H3A
2B4.
SOURCE: Journal of cell biology, (1998 Dec 14) 143 (6) 1691-703.
Journal code: 0375356. ISSN: 0021-9525.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199901
ENTRY DATE: Entered STN: 19990209
Last Updated on STN: 20020420
Entered Medline: 19990126

L8 ANSWER 165 OF 175 MEDLINE on STN DUPLICATE 99
ACCESSION NUMBER: 1999038267 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 9820741
TITLE: The TAO of MEKK.
AUTHOR: Schlesinger T K; Fanger G R; Yujiri T; Johnson G L
CORPORATE SOURCE: Program in Molecular Signal Transduction, Division of Basic
Sciences, National Jewish Medical and Research Center, 1400
Jackson St. Denver, CO 80206, USA.
CONTRACT NUMBER: DK 37871 (NIDDK)
DK 48845 (NIDDK)

GM 30324 (NIGMS)

+

SOURCE: Front Biosci., (1998 Nov 15) 3 D1181-6. Ref: 50
Journal code: 9702166. ISSN: 1093-4715.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199812
ENTRY DATE: Entered STN: 19990115
Last Updated on STN: 20020420
Entered Medline: 19981209

L8 ANSWER 166 OF 175 MEDLINE on STN DUPLICATE 100
ACCESSION NUMBER: 1998211691 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 9551965
TITLE: The c-Jun N-terminal kinase cascade plays a role in
stress-induced apoptosis in Jurkat cells by
up-regulating Fas ligand expression.
AUTHOR: Paris M; Kokot N; Latinis K; Kasibhatla S; Green D R;
Koretzky G A; Nel A
CORPORATE SOURCE: Department of Medicine, UCLA School of Medicine, Los
Angeles, CA 90095, USA.
CONTRACT NUMBER: AG14763 (NIA)
AI34567 (NIAID)
AI52735 (NIAID)

+

SOURCE: Journal of immunology (Baltimore, Md. : 1950), (1998 Jan 1)
160 (1) 134-44.
Journal code: 2985117R. ISSN: 0022-1767.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals
ENTRY MONTH: 199805
ENTRY DATE: Entered STN: 19980514
Last Updated on STN: 20020420
Entered Medline: 19980507

L8 ANSWER 167 OF 175 MEDLINE on STN DUPLICATE 101
ACCESSION NUMBER: 1998075108 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 9412490
TITLE: Motoneuron apoptosis is blocked by CEP-1347 (KT
7515), a novel inhibitor of the JNK signaling pathway.
AUTHOR: Maroney A C; Glicksman M A; Basma A N; Walton K M; Knight E
Jr; Murphy C A; Bartlett B A; Finn J P; Angeles T; Matsuda
Y; Neff N T; Dionne C A
CORPORATE SOURCE: Cephalon Incorporated, West Chester, Pennsylvania 19380,
USA.
SOURCE: Journal of neuroscience : official journal of the Society
for Neuroscience, (1998 Jan 1) 18 (1) 104-11.
Journal code: 8102140. ISSN: 0270-6474.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199801
ENTRY DATE: Entered STN: 19980130
Last Updated on STN: 19980130
Entered Medline: 19980116

L8 ANSWER 168 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN DUPLICATE
102

ACCESSION NUMBER: 1998:29163 SCISEARCH Full-text
THE GENUINE ARTICLE: YM852
TITLE: Activation of stress-activated protein kinase c-Jun
N-terminal kinase, but not NF-kappa B, by the tumor
necrosis factor (TNF) receptor 1 through a TNF
receptor-associated factor 2- and germinal center kinase
related-dependent pathway
AUTHOR: Shi C S; Kehrl J H (Reprint)
CORPORATE SOURCE: NIAID, IMMUNOREGULAT LAB, B CELL MOL IMMUNOL SECT, BLDG
10, RM 11B-13, 10 CTR DR, MSC 1876, BETHESDA, MD 20892

(Reprint); NIAID, IMMUNOREGULAT LAB, B CELL MOL IMMUNOL
 SECT, BETHESDA, MD 20892
 COUNTRY OF AUTHOR: USA
 SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (19 DEC 1997) Vol. 272,
 No. 51, pp. 32102-32107.
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC,
 9650 ROCKVILLE PIKE, BETHESDA, MD 20814.
 ISSN: 0021-9258.
 DOCUMENT TYPE: Article; Journal
 FILE SEGMENT: LIFE
 LANGUAGE: English
 REFERENCE COUNT: 34
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 169 OF 175 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 ACCESSION NUMBER: 97:688120 SCISEARCH Full-text
 THE GENUINE ARTICLE: XV492
 TITLE: Activation of the hematopoietic progenitor kinase-1
 (HPK1)-dependent, stress-activated c-Jun N-terminal kinase
 (JNK) pathway by transforming growth factor beta
 (TGF-beta)-activated kinase (TAK1), a kinase mediator of
 TGF beta signal transduction
 AUTHOR: Wang W F (Reprint); Zhou G S; Hu M C T; Yao Z B; Tan T H
 CORPORATE SOURCE: BAYLOR COLL MED, DEPT MICROBIOL & IMMUNOL, M929, 1 BAYLOR
 PLAZA, HOUSTON, TX 77030 (Reprint); AMGEN INC, DEPT EXPT
 HEMATOL, THOUSAND OAKS, CA 91320; AMGEN INC, DEPT BIOL,
 BOULDER, CO 80301
 COUNTRY OF AUTHOR: USA
 SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (5 SEP 1997) Vol. 272,
 No. 36, pp. 22771-22775.
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC,
 9650 ROCKVILLE PIKE, BETHESDA, MD 20814.
 ISSN: 0021-9258.
 DOCUMENT TYPE: Article; Journal
 FILE SEGMENT: LIFE
 LANGUAGE: English
 REFERENCE COUNT: 29
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L8 ANSWER 170 OF 175 MEDLINE on STN DUPLICATE 103
 ACCESSION NUMBER: 97347467 MEDLINE Full-text
 DOCUMENT NUMBER: PubMed ID: 9201973
 TITLE: Activation of c-Jun N-terminal kinase antagonizes an
 anti-apoptotic action of Bcl-2.
 AUTHOR: Park J; Kim I; Oh Y J; Lee K; Han P L; Choi E J
 CORPORATE SOURCE: Cell Biology Laboratory, Hanhyo Institute of Technology,
 461-6, Jeonmin-dong, Yuseong-ku, Taejon 305-390, Korea.
 SOURCE: Journal of biological chemistry, (1997 Jul 4) 272 (27)
 16725-8.
 Journal code: 2985121R. ISSN: 0021-9258.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 199707
 ENTRY DATE: Entered STN: 19970812
 Last Updated on STN: 19980206
 Entered Medline: 19970731

L8 ANSWER 171 OF 175 MEDLINE on STN DUPLICATE 104
 ACCESSION NUMBER: 97385174 MEDLINE Full-text
 DOCUMENT NUMBER: PubMed ID: 9238048
 TITLE: Hepatitis B virus HBx protein sensitizes cells to apoptotic
 killing by tumor necrosis factor alpha.
 AUTHOR: Su F; Schneider R J
 CORPORATE SOURCE: Department of Biochemistry and Kaplan Cancer Center, New
 York University Medical School, New York, NY 10016, USA.
 CONTRACT NUMBER: CA54525 (NCI)
 SOURCE: Proceedings of the National Academy of Sciences of the
 United States of America, (1997 Aug 5) 94 (16) 8744-9.
 Journal code: 7505876. ISSN: 0027-8424.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals

ENTRY MONTH: 199709
ENTRY DATE: Entered STN: 19970922
Last Updated on STN: 19970922
Entered Medline: 19970908

L8 ANSWER 172 OF 175 MEDLINE on STN DUPLICATE 105
ACCESSION NUMBER: 97470610 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 9331070
TITLE: Human mitogen-activated protein kinase kinase 4 as a
candidate tumor suppressor.
AUTHOR: Teng D H; Perry W L 3rd; Hogan J K; Baumgard M; Bell R;
Berry S; Davis T; Frank D; Frye C; Hattier T; Hu R;
Jammulapati S; Janecki T; Leavitt A; Mitchell J T; Pero R;
Sexton D; Schroeder M; Su P H; Swedlund B; Kyriakis J M;
Avruch J; Bartel P; Wong A K; Tavtigian S V; +
CORPORATE SOURCE: Myriad Genetics, Inc., Salt Lake City, Utah 84108, USA..
tengd@myriad.com
SOURCE: Cancer research, (1997 Oct 1) 57 (19) 4177-82.
Journal code: 2984705R. ISSN: 0008-5472.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-AF070080; GENBANK-AF070081; GENBANK-AF070082;
GENBANK-AF070083; GENBANK-AF070084; GENBANK-AF070085;
GENBANK-AF070086; GENBANK-AF070087; GENBANK-AF070088;
GENBANK-AF070089; GENBANK-AF070090
ENTRY MONTH: 199710
ENTRY DATE: Entered STN: 19971224
Last Updated on STN: 20000303
Entered Medline: 19971028

L8 ANSWER 173 OF 175 MEDLINE on STN DUPLICATE 106
ACCESSION NUMBER: 1998055618 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 9395240
TITLE: Potentiation of apoptosis by low dose stress
stimuli in cells expressing activated MEK kinase 1.
AUTHOR: Widmann C; Johnson N L; Gardner A M; Smith R J; Johnson G L
CORPORATE SOURCE: Division of Basic Sciences, National Jewish Center for
Immunology and Respiratory Medicine, Denver, Colorado
80206, USA.
CONTRACT NUMBER: CA 58157 (NCI)
DK 37871 (NIDDK)
DK 48845 (NIDDK)
+
SOURCE: Oncogene, (1997 Nov 13) 15 (20) 2439-47.
Journal code: 8711562. ISSN: 0950-9232.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199712
ENTRY DATE: Entered STN: 19980116
Last Updated on STN: 20020420
Entered Medline: 19971229

L8 ANSWER 174 OF 175 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1997:654337 CAPLUS Full-text
DOCUMENT NUMBER: 127:329922
TITLE: Integrins and anoikis
AUTHOR(S): Frisch, Steven M.; Ruoslahti, Erkki
CORPORATE SOURCE: La Jolla Cancer Research Center, The Burnham
Institute, La Jolla, CA, 92037, USA
SOURCE: Current Opinion in Cell Biology (1997), 9(5), 701-706
CODEN: COCBE3; ISSN: 0955-0674
PUBLISHER: Current Biology
DOCUMENT TYPE: Journal; General Review
LANGUAGE: English

L8 ANSWER 175 OF 175 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1997:504057 CAPLUS Full-text
DOCUMENT NUMBER: 127:218369
TITLE: The regulation of anoikis: MEKK-1 activation requires
cleavage by caspases
AUTHOR(S): Cardone, Michael H.; Salvesen, Guy S.; Widmann,

CORPORATE SOURCE: Christian; Johnson, Gary; Frisch, Steven M.
SOURCE: The Burnham Institute, La Jolla, CA, 92037, USA
Cell (Cambridge, Massachusetts) (1997), 90(2), 315-323
CODEN: CELLB5; ISSN: 0092-8674
PUBLISHER: Cell Press
DOCUMENT TYPE: Journal
LANGUAGE: English